Government's Exhibit 1

EXECUTIVE ORDER NO. 9728

AUTHORIZING THE SECRETARY OF THE INTERIOR TO TAKE POSSESSION OF AND TO OPERATE CERTAIN COAL MINES

WHEREAS after investigation I find and proclaim that there are interruptions or threatened interruptions in the operation of the mines producing bituminous coal as a result of existing or threatened strikes and other labor disturbances; that the coal produced by such mines is required for the war effort and is indispensable for the continued operation of the national economy during the transition from war to peace; that the war effort will be unduly impeded or delayed by such interruptions; and that the exercise, as hereinafter specified, of the powers vested in me is necessary to insure the operation of such mines in the interest of the war effort and to preserve the national economic structure in the present emergency:

NOW, THEREFORE, by virtue of the power and authority vested in me by the Constitution and laws of the United States, including Section 9 of the Selective Training and Service Act of 1940 (54 Stat. 892) as amended by the War Labor Disputes Act (57 Stat. 163), as President of the United States and Commander in Chief of the Army and Navy of the United States, it is hereby ordered as follows:

1. The Secretary of the Interior is authorized and directed to take possession of any and all such mines, and, to the extent that he may deem necessary, of any real or personal property, franchises, rights, facilities, funds, and other assets used in connection with the operation of such mines; to operate or to arrange for the operation of such mines in such manner as he may deem necessary in the interest of the war effort; and to do all things necessary for, or incidental to, the production, sale, and distribution of the coal produced, prepared, or handled by the said mines.

2. The Secretary of the Interior shall operate the said mines in accordance with such terms and conditions of employment as are in effect at the time possession thereof is taken, subject to the provisions of Section 5 of the War Labor Disputes Act.

3. Subject to the national wage and price stabilization policies as determined by the National Wage Stabilization Board and the Economic Stabilization Director, the Secretary of the Interior is authorized, pursuant to the provisions of Section 5 of the War Labor Disputes Act, following such negotiations as he may deem necessary with the duly constituted representatives of the employees, to apply to the National Wage Stabilization Board for appropriate changes in the terms and conditions of employment for the period of the operation of the mines by the Government.

4. In carrying out this order, the Secretary of the Interior shall act through or with the aid of such public or private instrumentalities or persons as he may designate. All Federal agencies are directed to cooperate with the Secretary of the Interior to the fullest extent possible in carrying out the purpose of this order.

5. The Secretary of the Interior shall make employment available and provide protection to all employees working at such mines and to all persons seeking employment so far as they may be needed; and upon the request of the Secretary of the Interior, the Secretary of War shall take such action, if any, as he may deem necessary or desirable to provide protection to all such persons and mines.

6. The Secretary of the Interior shall permit the managements of the mines taken under the provisions of this order to continue with their managerial functions to the maximum degree possible consistent with the aims of this order.

7. The Secretary of the Interior is authorized and directed to maintain customary working conditions in the mines and customary procedure for the adjustment of workers' grievances. He shall recognize the right of the workers to continue their membership in any labor organization, to bargain collectively through representatives of their own choosing, and to engage in concerted activities for the purpose of collective bargaining or other mutual aid or protection, provided that such concerted activities do not interfere with the operations of the mines.

8. Possession of any mine or mines taken under this order shall be terminated by the Secretary of the Interior as soon as practicable, but in no event more than sixty days after the restoration of the productive efficiency of any such mine or mines prevailing prior to the taking of possession thereof.

HARRY S. TRUMAN.

THE WHITE HOUSE,
May 21, 1946.

Government's Exhibit 2

UNITED STATES
DEPARTMENT OF THE INTERIOR
WASHINGTON

ORDER No. 2200.
SUBJECT: Coal Mines; Possession Taken.

By virtue of the authority vested in me by the President of the United States by Executive Order dated May 21, 1946, and having determined that a strike or work stoppage has occurred or is threatened at each and all of the coal mines listed in Appendix A, attached hereto and made a part hereof, I do hereby take possession of each and all such coal mines, including any and all real and personal property, franchises, rights, facilities, funds and other assets used in connection with the operation of such mines.

The Regulations for the Operation of Coal Mines under Government Control, as amended (8 F. R. 6655, 10712, 11344, 17339), heretofore issued by the Secretary of the Interior, and such revisions thereof as may from time to time be issued, shall be applicable to the mines possession of which is taken by this Order.

The President of each of the mining companies operating the mines listed in Appendix A (or if there is no president, its chief executive officer) is hereby, and until further notice, designated Operating

Manager for the United States for each such mine. Unless advice to the contrary is received within ten days, the aforesaid President (or chief executive officer) shall be deemed to have accepted such designation. As Operating Manager for the United States, he is authorized and directed to operate any and all such mines in accordance with the afore-mentioned Regulations for the Operation of Coal Mines Under Government Control, as amended, and such revisions thereof as may, from time to time be issued, and do all things necessary and appropriate for the operation of such mines and for the production, distribution and sale of their products.

The Operating Manager for the United States shall forthwith fly the flag of the United States at each of the mining properties listed in Appendix A and shall conspicuously display at each of such properties copies of a poster to be supplied by the Department of the Interior and reading—

NOTICE

In accordance with the Executive Order of the President of the United States, Government possession this coal mine has been taken by Order of the Secretary of the Interior.

J. A. KRUG,
Secretary of the Interior.

This Order shall become effective at 12:01 a. m. May 22, 1946.

J. A. KRUG,
Secretary of the Interior.

Government's Exhibit 3

UNITED STATES

DEPARTMENT OF THE INTERIOR
WASHINGTON

ORDER No. 2200-A.

AMENDMENT TO ORDER NO. 2200—ORDER TAKING POSSESSION OF COAL MINES

By virtue of the authority vested in me by the President of the United States by Executive Order No. 9728 (11 F. R. 5593) I do hereby take possession of each and all of the coal mines of each of the companies named below including any real and personal property, franchises, rights, facilities, funds and other assets used in connection with the operation of such mines.

Accordingly Appendix A to Order No. 2200 is hereby amended by the addition of the following companies all of which are in District 9:

Jack Brown, Providence, Kentucky
William Brothers, Earlington, Kentucky
William Yarborough, Providence, Kentucky.
Crowell Bros., Providence, Kentucky
Sunset Coal Company, Clay, Kentucky

The name of the Galloway Coal Company, 306 Jefferson Avenue, Memphis, Tennessee, District 13, appearing in said Appendix A is

hereby deleted and in its place the name of Galloway Coal Mining Company, Inc., Carbon Hill, Alabama, is inserted.

This amendment to Order No. 2200 is effective 12:01 a.m. May 27, 1946.

J. A. KRUG,
Secretary of the Interior.

25 May 1946.

Government's Exhibit 4

UNITED STATES DEPARTMENT OF THE INTERIOR
WASHINGTON

ORDER No. 2200–B.

AMENDMENT TO ORDER NO. 2200—ORDER TAKING POSSESSION OF COAL MINES

SUBJECT: Coal Mines; Possession Taken.

WHEREAS by Executive Order of the President of the United States No. 9728 dated May 21, 1946 (11 F. R. 5593) I was authorized to take possession of any and all coal mines producing bituminous coal as a result of existing or threatened strikes or other labor disturbances; and

WHEREAS by my Orders No. 2200 and No. 2200–A dated May 21st and May 27th, 1946, respectively, I took possession of certain coal mines and related property; and

WHEREAS, by inadvertence and unintentional omissions, certain coal mines producing bituminous coal were not included in or covered by my said Orders No. 2200 and No. 2200–A and possession thereof by the United States has not been effected; and

WHEREAS the causes for the existing or threatened strikes or labor disturbances which prevailed at the time said Executive Order of the President was issued still prevail at said mines possession of which was not taken through said inadvertence and omission;

NOW, THEREFORE, by virtue of the authority vested in me by the President of the United States by Executive Order No. 9728 dated May 21, 1946 (11 F. R. 5593), and having determined that a strike or work stoppage is threatened at each and all of the coal mines listed in Appendix A, attached hereto and made a part hereof, I do hereby take possession of each and all such coal mines, including any and all real and personal property, franchises, rights, facilities, funds, and other assets used in connection with the operation of such mines.

The Revised Regulations for the Operation of Coal Mines under Government Control, as amended (11 F. R. 7567), heretofore issued by the Coal Mines Administrator, and such revisions thereof as may from time to time be issued, shall be applicable to the mines possession of which is taken by this Order.

The President of each of the mining companies operating the mines listed in Appendix A (or if there is no president, its chief executive officer) is hereby, and until further notice, designated Operating Manager for the United States for each such mine. Unless advice to the contrary is received within ten days, the aforesaid President (or chief executive officer) shall be deemed to have accepted such designation. As Operating Manager for the United States, he is authorized and

directed to operate any and all such mines in accordance with the afore-mentioned Regulations for the Operation of Coal Mines under Government Control, as amended, and such revisions thereof as may from time to time be issued, and to do all things necessary and appropriate for the operation of such mines and for the production, distribution, and sale of their products.

The Operating Manager for the United States shall forthwith fly the flag of the United States at each of the mining properties listed in Appendix A and shall conspicuously display at each of such properties copies of a poster to be supplied by the Department of the Interior and reading

NOTICE

In accordance with the Executive Order of the President of the United States, Government possession of this coal mine has been taken by Order of the Secretary of the Interior

J. A. KRUG,
Secretary of the Interior.

This Order shall become effective at 12:01 a. m., August 5, 1946.

J. A. KRUG,
Secretary of the Interior.

AUGUST 2, 1946.

APPENDIX A

Company	Address	District
Liller & Dropleman Coal Co., Inc	Elk Garden, W. Va	1
Pine Hill Coal Co	722 Washington St., Cumberland, Md	1
Thomas Engineering Co	C/o San O. Polino, Elkins, W. Va	1
Barnes Coal Co	Masontown, Pa	2
Boliver Fuel Co	Bolivar, Pa	2
Clickovich & Savage Coal Co	922 Hill St., Belle Vernon, Pa	2
Dohin Coal Co	Lemont Furnace, Pa	2
Ebrama Coal Co	Milton Ave., General Del., Uniontown, Pa.	2
H. H. & N. Coal Co	807 Eglow Ave., Morgantown, Pa	2
Henry Matthews	R. D. No. 1, Lemont Furnace, Pa	2
Mazzaro Coal Co	181 McCoy Road, McKee Rocks, Pa	2
Mid Atlantic Coal Co	601 Plaza Bldg., Pittsburgh, Pa	2
Monongahela Coal Co	New Eagle, Pa	2
Montour Valley Coal Co	Adam Maida, Box 141, Oakdale, Pa	2
Nard Engineering & Mining Co	947 Butler St., Etna, Pa	2
Nobel & Gray Coal Co	R. D. #4, Box 181-A, Uniontown, Pa	2
Peter Novotny	1385 Fourth Ave., New Kensington, Pa	2
Alex E. Paris Contr. Co	Studa, Rea, Pa	2
Pongrance Coal Co	Russellton, Pa	2
Jess I. Price	R. D. #12, Point Marion, Pa	2
Reiland Coal Co	Clinton, Pa	2
Mike Starvaggi Coal Co	Weirton, West Virginia	2
Sims Lumber Company	R. D. #4, Washington, Pa	2
Shady Lane Coal Co	212 Port St., Scotdale, Pa	2
The Utah Construction Co	719 Oliver Bldg., Pittsburgh, Pa	2
John Vaslosky	Box 29-E, R. D. #2, Smithfield, Pa	2
Boothsville Coals, Inc	Box 142, Fairmont, West Virginia	3
Crafton Coal Co	Philippi, West Virginia	3
Fox Coal Co. Mine #3	Box 353, Morgantown, West Va	3
Gibson Coal Co	R. F., Watson, W. Va	3
Jaynes Mine	Fairmont, West Virginia	3
Oliverio Coal Co	Station C., Box 27, Clarksburg, West Va	3
Rodriquez & Son Coal Co	209 Warley Ave., Clarksburg, West Va	3
B. H. Swaney, Inc	702 Union Bank Bldg., Clarksburg, West Va.	3
Wilson & Ingram Coal Co	St. Marys, West Virginia	3
Amesville Coal Co	Amesville, Ohio	4
Brentwood Coal & Coke Co	Albert Fleix, 2375 Valera Ave., Pittsburgh 10, Pa.	4
Hickory Coal Co	R. F. D. #1, New Philadelphia, Ohio	4
Kenwood Mining Company	Cadiz, Ohio	4

APPENDIX A—Continued

Company	Address	District
L & M Coal Company	Nelsonville, Ohio	4
Mystic Mines	New Lexington, Ohio	4
Nole & Steele Coal Co	Fairpoint, Ohio	4
Pugh & Tiller	Lancaster, Pa	4
Paul Varga & Sons	C/o Harry Iles Coal Co., 122 N. Market St., St. Clairsville, Ohio.	4
Buffalo Coal Company	Iaeger, West Virginia	7
Evans Pb. Coal Co	Panther, West Virginia	7
Garden Cap Coal Co	Hanover, West Virginia	7
Hampton Coal Co	Williamson, West Va	7
Holley Coal Company	Ottawa, West Virginia	7
Muzzle Coal Co	Hanover, West Virginia	7
Peter Grove Coal Co	507 Madison, Peytona, West Virginia	7
Raven Coals, Inc	Raven, Virginia	
Paul Smith & Kimball Mounts	Matewan, West Virginia	
Call Fuel Company	Canabrake, West Virginia	
Apex Coal Company	Mortons Gap, Kentucky	
Nally & Ballard	P. O. Box 331, Bardstown, Kentucky	
Gillespie Coal Company	Brazil, Ind	17
Somerville Coal Company	Somerville, Ind	11
Averitt Sanders Coal Co	Dora, Alabama	13
John Calvert	R. 1, Trafford, Ala	13
Franklin & Tucker	Sumiton, Alabama	13
[illegible] Golden	Dora, Alabama	13
Moss & Thornton	P. O. Box 57[illegible] Jasper, Alabama	13
Bernice Anthracite Coal Co	Russellville, Ark	14
Mullin Coal Co	McAlster, Okla	14
Biava Mine Company	Box 247, Gallup, N. Mexico	17
Caldirola Coal Company	Florence, Colorado	17
Dunn Coal Company	Box 272, Hayden, Colo	17
Rusty Coal Company	Steamboat Springs, Colo	17
Vanadium Corp. of America	Uravan, Colo	17
Pacific Supply Cooperative	Rains, Utah	20

Government's Exhibit 5

DEPARTMENT OF THE INTERIOR,
Washington, D. C.

14-112/60006 (011)

INSTRUCTIONS TO THE TELEGRAPH COMPANY

Send the following telegram to the mining company and addresses listed in the attached list:

Pursuant to the President's Executive Order, I assumed possession of the mines of your company at 12:01 a. m. May 22. Request you operate your mines and maintain full production. Letter follows.

J. A. KRUG,
Secretary of the Interior.

MESSITTE: jh.
Sent out May 21, 1946.

Government Exhibit 6

UNITED STATES DEPARTMENT OF THE INTERIOR,
Washington 25, D. C.

To the President of the Mining Company:

By virtue of the authority vested in me by the President of the United States, I have signed an order taking possession of any and all of the coal mines of your company. I have designated Vice

Admiral Ben Moreell Deputy Coal Mines Administrator and delegated to him full authority to act on my behalf. The primary object of Government possession of the mines is the maintenance of full production of coal in the interest of the continued operation of the national economy during the transition from war to peace.

As chief executive officer of your company, you have been designated Operating Manager for the United States for each and all of the company's mines. Unless you advise the Deputy Coal Mines Administrator to the contrary within ten days, you will be deemed to have accepted that designation. You are being called upon as a loyal American to serve as Operating Manager and to do everything possible to assure operation of the mines at maximum capacity.

The Regulations for the Operation of Coal Mines Under Government Control, as amended (8 F. R. 6655, 10712, 11344, 17339), which have been issued heretofore, will be applicable to the present period of Government possession, and operation of your mines should be conducted in accordance with the provisions of those Regulations.

All officials and employees of the company are to perform their usual functions and duties in connection with the mine operations. The existing managerial set-up should be used as far as practicable. You should make every effort to encourage the miners to work under the present terms and conditions of employment.

Arrange immediately to fly the flag of the United States on the mining premises. Copies of a notice of Government possession will be supplied to you as soon as possible. You should display that notice conspicuously at each of your properties.

Please fill in the form enclosed immediately, sign it, and return it promptly to the Deputy Coal Mines Administrator, Department of the Interior, Washington 25, D. C.

If you are not acting as chief executive officer of the company, this communication is to be considered as directed to the officer who is so acting.

Sincerely yours,

/s/ J. A. KRUG,
Secretary of the Interior.

MAY 22, 1946.
134181.

STATEMENT OF OPERATING MANAGER

Name of mining company or Operator: _____
Address: _____
Name of Operating Manager: _____

Notice of Government possession has been posted at each of the following individual mines listed separately (indicating Bituminous Coal Act District Numbers):

Name or Number	*Address*	*District No.*
_____	_____	_____
_____	_____	_____
_____	_____	_____

Dated: August —, 1946.

Signed: _____
Operating Manager

Government's Exhibit 7

NOTICE

In accordance with the Executive Order of the President of the United States, Government possession of this coal mine has been taken by Order of the Secretary of the Interior.

J. A. KRUG,
Secretary of the Interior.

Government's Exhibit 8

UNITED STATES
DEPARTMENT OF THE INTERIOR
WASHINGTON

ORDER No. 2199.

SUBJECT: Powers under Executive Order No. 9728: Exercise of powers as Coal Mines Administrator; delegation to Deputy Coal Mines Administrator; designation of Deputy Coal Mines Administrator.

I shall hereafter exercise, as Coal Mines Administrator, the powers, authority, and discretion conferred upon the Secretary of the Interior by the provisions of Executive Order No. 9728, dated May 21, 1946, and there is hereby delegated to the Deputy Coal Mines Administrator, subject to such supervision and direction as the Administrator shall from time to time determine, authority to exercise any and all powers, authority and discretion conferred upon the Secretary of the Interior by the provisions of the aforesaid Executive Order, with respect to all coal mines, possession of which has been taken or shall hereafter be taken by him, to the same extent and with the same effect as the said powers, authority, and discretion may be exercised directly by the Secretary of the Interior.

Vice Admiral Ben Moreell is hereby designated Deputy Coal Mines Administrator with power to perform the functions of that office.

J. A. KRUG,
Secretary of the Interior.

MAY 21, 1946.

Copies to:

Under Secretary.
Mrs. Maulding (13).
Mrs. Flower, Suggestions Comm.
Mr. McCrillis.
Mr. Campbell, Labor Relations.
Mr. Drennon, File Room (2).
Mr. Axtell, Mail Room (2).
Mr. Affre, Accounts.
Mr. Alvey, Bonneville Power (5).
Mr. Wallace, Supr. Field Rep.
Mr. Northrop (3).
Personnel Files (2).
Docket Room (15).
General Land Office (20).
Indian, Wash. (3).
Indian, Chicago (3).
Reclamation (15).
Parks, Wash. (2).
Parks, Chicago (3).
Survey (12).
Mines (5).
Grazing Service (18).
Territories (10).
Petroleum Cons. Div. (4).
Purchasing Office (15).
Solicitor (2).
P. R. R. A. (2).
Solid Fuels Adm. (6).
Fish and Wildlife Ser., Wash. (5).
Fish and Wildlife Ser., Chicago (20).
Geographical Names (2).
Div. of Information (4).
Mr. Burrier, Chicago (2).
Miscellaneous Service Div.
Land Utilization (2).
Southwestern Power Adm. (3).
War Relocation Authority (5).
Div. of Power (2).

Government's Exhibit 9

UNITED STATES DEPARTMENT OF THE INTERIOR

WASHINGTON

JUNE 5, 1946.

ORDER No. 2208.

SUBJECT: Delegation of Powers as Coal Mines Administrator to Deputy Coal Mines Administrator; Designation of Coal Mines Administrator.

All of the powers, authority, and discretion conferred upon the Secretary of the Interior by the provisions of Executive Order No. 9728, dated May 21, 1946, with respect to all coal mines, possession of which has been taken or shall hereafter be taken thereunder, to the same extent and with the same effect as the said powers, authority, and discretion may be exercised directly by the Secretary of the Interior, and any and all of the obligations and discretion of the Coal Mines Administrator under the agreement between the Secretary of the Interior, acting as Coal Mines Administrator, and the United Mine Workers of America, dated May 29, 1946, are hereby delegated to the Deputy Coal Mines Administrator and are to be exercised by him as Coal Mines Administrator, subject to such supervision and direction as the Secretary of the Interior shall from time to time determine.

Vice Admiral Ben Moreell, Deputy Coal Mines Administrator, is hereby designated Coal Mines Administrator with powers to perform the functions of that office.

This order supersedes Order No. 2199, dated May 21, 1946.

J. A. KRUG,
Secretary of the Interior.

Copies to:

Under Secretary
Mrs. Maulding (13)
Mrs. Flower, Suggestions Com.
Mr. McCrillis
Mr. Campbell, Labor Relations
Mr. Drennon, File Room (2)
Mr. Axtell, Mail Room (2)
Mr. Affre, Accounts
Mr. Alvey, Bonneville Power (5)
Mr. Wallace, Supr. Field Rep.
Mr. Northrop (3)
Personnel Files (2)
Docket Room (15)
General Land Office (20)
Indian, Wash. (3)
Indian, Chicago (3)
Reclamation (15)
Parks, Wash. (3)
Parks, Chicago (3)
Geological Survey (12)
Bureau of Mines (5)
Grazing Service (18)
Div. of Territories (10)
Petroleum Cons. Division (4)
Purchasing Office (15)
Solicitor (2)
P. R. R. A. (2)
Solid Fuels Adm. (6)
Fish and Wildlife Service, Wash. (5)
Fish and Wildlife Service, Chicago (20)
Geographical Names (2)
Div. of Information (4)
Mr. Burrier, Chicago (2)
Miscellaneous Service Division
Land Utilization (2)
Southwester Power Adm. (3)
War Relocation Authority (5)
Division of Power (2)
Surplus Property Office (10)
General Accounting Office (5)
Div. of Disbursements, Treasury Dept.
Mr. C. Girard Davidson, Room 6132

Government's Exhibit 10

UNITED STATES DEPARTMENT OF THE INTERIOR

COAL MINES ADMINISTRATION

SUBJECT: Designation of and Delegation of Powers to Deputy Coal Mines Administrator.

Capt. N. H. Collisson, USNR, is hereby designated Deputy Coal Mines Administrator. Subject to such supervision and direction as the Coal Mines Administrator shall from time to time determine, authority is hereby delegated to said Deputy Coal Mines Administrator to exercise any and all powers, authority and discretion conferred upon me by the Secretary of the Interior by the provisions of Order No. 2208 dated June 5, 1946 and Order No. 2231½ dated July 20, 1946, with respect to all coal mines, possession of which has been taken or shall hereafter be taken hereunder to the same extent and with the same effect as the said powers, authority and discretion may be exercised directly by the Secretary of the Interior or the Coal Mines Administrator.

The powers, authority and discretion hereby delegated to Capt. Collisson are in addition to his present assignment as Executive Officer to the Coal Mines Administrator.

This order shall become effective immediately: July 20, 1946.

Ben Moreell,
BEN MOREELL,
Admiral, CEC, USN,
Coal Mines Administrator.

Approved.

WARNER W. GARDNER,
Acting Secretary of the Interior.

Government's Exhibit 11

UNITED STATES DEPARTMENT OF THE INTERIOR

WASHINGTON

ORDER No. 2258

SUBJECT: Designation of Coal Mines Administrator.

Captain Norman H. Collisson, S (E), USNR, is hereby designated Coal Mines Administrator effective October 1, 1946 to succeed Admiral Ben Moreell, (CEC), USN, with all the power and authority hereto-

fore delegated to the Coal Mines Administrator by Order No. 2208, dated June 5, 1946, and Order No. 2231½, dated July 20, 1946.

J. A. Krug,
J. A. Krug,
Secretary of the Interior.

September 27, 1946.
Copies to:

Under Secretary
Assistant Secretary Davidson (2)
Assistant Secretary Gardner (2)
Miss Ramsey
Evelyn Cooper, Room 3143
Mrs. Maulding (15)
Mrs. Flower, Suggestions Com.
Mr. McCrillis
Mr. Campbell, Labor Relations
Mr. Drennon, File Room (2)
Mr. Axtell, Mail Room (2)
Mr. Rusher, Accounts
Mr. Alvey, Bonneville Power (5)
Mr. Wallace, Supr. Field Rep.
Mr. Northrop (3)
Personnel Files (2)
Docket Room (21)
Bureau of Land Management (38)
Indian Office, Wash. (3)
Indian Office, Chicago (3)
Bureau of Reclamation (20)
Parks, Wash. (3)
Parks, Chicago (3)
Geological Survey (12)
Bureau of Mines (5)
Div. of Territories (14)
Purchasing Office (15)
Solicitor (2)
P. R. R. A. (2)
Solid Fuels Adm. (6)
Fish & Wildlife Service, Wash. (3)
Fish & Wildlife Service, Chicago (20)
Geographical Names (2)
Div. of Information (4)
Mr. Burrier, Chicago (2)
Miscellaneous Service Division
Land Utilization (2)
Southwestern Power Adm. (3)
Division of Power (2)
Surplus Property Office (10).
Mr. Robert E. Day, Room 5148
Mr. Creekmore Fath, Room 5158
Mr. Skidmore, Oil and Gas Division (2)
War Agency Liquidation Unit (3)
Mr. Bloch, Secretary's Office
Telephone Room
Mrs. Seibel
General Accounting Office (5)
Div. of Disbursement, Treasury Dept.
Mrs. Wright, Room 2227
Captain of the Guard

Government's Exhibit 12

LIST OF MINES IN GOVERNMENT POSSESSION NOV. 20, 1946

Mines in Government possession pursuant to Executive Orders 9728 and 9758, subject to National Bituminous Coal Wage Agreement, revised 15 November 1946—Coal Mines Administration

CMA AREA I, DISTRICT #1

Mining company and address	Mine name and address	Index No.	Operating manager
Adams Fuel Corp., South Fork, Pa.	Riverside #2, South Fork, Pa.	435	Joseph C. Leonard.
H. S. Ale, P. O. Box 105, Curwensville, Pa.	Good A-22, Bells Landing, Pa.	186	H. S. Ale.
Allegheny River Mining Co., 132 No. McKean St., Kittanning, Pa.	Cadogan Mine, Cadogan, Pa.	76	Chas. M. Shoffner.
	Mohican Mine, Kittanning, Pa.	329	
Appalacha Coal Co., R. F. D. #4, Indiana, Pa.			
Apple Coal Co., R. F. D. #1, Fallen Timber, Pa.	#2, Fallen Timber, Pa.	18	Howard Apple.
Arcadia Co., Box 43, Indiana, Pa.	Witgus #43 (Hooverhurst Dock), Arcadia, Pa.		John P. Prushnok.

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT #1—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Argyle Coal Co., 606 1st National Bank Bldg., Johnstown, Pa.	Argyle #4, South Fork, Pa.	3312	Paul E. Henise.
	Bennington "B", Gallitzin, Pa.	38	
	Tunnell #1, Gallitzin, Pa.	512	
Atlantic Coal & Coke Co., U. S. Bank Bldg., Johnstown, Pa.	Vulcan #1, Stoyston, Pa.	413	Robert P. Reed.
"B" Quality Coal Co., 504 13th Street, Windber, Pa.	#2, #7, Windber, Pa.	58	B. F. Heckler.
	#10, Kantner, Pa.	1076	
Baker-Whiteley Coal Co., 510 Keyser Bldg., Baltimore 2, Md.	Elma #1	150	C. Lowndes Hoblitzell.
	Elma #2	151	
	Elma #3	152	
	Hooversville, Pa.		
Barnes & Tucker Co., 123 S. Broad St., Philadelphia, Pa.	Lancashire #10 & 12, Barnesboro, Pa.	266	Richard T. Todhunter.
	Lancashire #14 & 15, Bakertown, Pa.	267	
Beaver Run Coal Co., 12 South 12th Street, Philadelphia, Pa.	Cortright #1, Beaverdale, Cambria Co., Pa.	122	E. M. Cortright.
Beechnut Coal Co., 1118 Graham Ave., Windber, Pa.			J. Whalley.
Berwind-White Coal Mng. Co., 1 Broadway, New York, N. Y.	#30	3516	Charles E. Dunlap.
	#35	155	
	#36	157	
	#37	158	
	#40	160	
	#42	162	
	Maryland #1		
	Maryland #2	5575	
	Windber, Pa.		
Bethlehem Steel Corp. (part of Industrial Collieries Corp.), 701 E. Third Street, Bethlehem, Pa. (also in D-2 and D-3).	Rosedale #72	3683	M. L. Jacobs.
	Franklin #73	3684	
	Franklin #74	3685	
	Johnstown, Pa.		
Big Vein Coal Co. of Lonaconing, Maryland, Inc., 1101 Colonial Bldg., Philadelphia, Pa.	Castle	84	A. K. Althouse.
	Castle G #1	602	
	Lonaconing, Md.		
	Union #1, Zihlman, Md.	515	
	Potomac "B" (Strip), Barton, Md.		
Bigelow Run Coal Mng. Co., 108 E. Linn St., Bellefonte, Pa.	Bigelow Run #1, Phillipsburg, Pa.	3183	Arthur Barraclough.
Bird Coal Co., 1400 S. Penn. Square, Philadelphia 2, Pa.	Bird #2, Tire Hill, Pa.	49	Thomas Barnes II.
Black Beauty Coal Co., 555 Taymon Ave., Somerset, Pa.	Ruth, Somerset, Pa.	780	J. F. Neilan.
Black Lick Mng. Co., 300 High St., Ebensburg, Pa.	Commercial #5, Twin Rocks, Pa.	103	Fred J. McFadden.
Black Oak Coal Mining Co., 32 Broadway, New York, New York.	Black Oak #5, Beccaria, Clearfield Co., Pa.	54	W. T. Carpenter.
Blair Engineering & Supply Co., 1200 11th Ave., Altoona, Pa.	Midlothian, Dudley, Pa.	316	W. H. Wade.
Blue Valley Coal Co. (J. W. Urmann), 128 Main Street, Ridgway, Pa.	Blue Valley #2, Brandy Camp, Pa.	3731	J. V. Urmann.
J. B. Britten, Saxton, Pa.	Glendale #4, Six Mile Run, Pa.	180	J. B. Britten.
Broadtop Mining Co., R. F. D. #2, Hopewell, Pa.	Kelly #10, Hopewell, Pa.	5468	Thomas Bambling.
Brookwood Shaft, Inc., 900 Hannah St., Houtzdale, Pa.	Brookwood Shaft #1, Ginter, Pa.	67	W. O. Gulbranson.
Butterworth Fuel Co., Inc., P. O. Box "B," Barnesboro, Pa.	Cymbria "E," Barnesboro, Pa.	3605	Ben Butterworth.
C & G Coal Mng. Co., Weigle Street, Hoogersville, Pa.	Coleman #2, Hooversville, Pa.	1224	O. B. Coleman.
Cable Coal Co., Hollsopple, Pa.			
Cambria Fuel Co., 116 Market St., Johnstown, Pa.	Cambria #4, Stonycreek Twp., Somerset Co., Pa.		C. C. Dovey.
Cambria Mills Coal Co., Fallen Timber, Pa.	#3	3246	J. C. Apple.
	#4	581	
	Fallen Timber, Pa.		
Campbell Coal Co., Piedmont, W. Va.	Hampshire	195	George D. Campbell.
	Mill Run	2078	
	Freeport	1183	
	Barton, Md.		
Carrolltown Coal Co., St. Benedict, Pa.	Victor #9 Mine, St. Benedict, Pa.	522	Rembrandt Peale, Jr.
Castle Shannon Coal Corp., Room 4, Community Loan Bldg., Du Bois, Pa. (also in D-2 and D-6).	Westville #4, Westville, Pa.	2352	B. H. Williams.

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT #1—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Catfish Hollow Coal Co., Sixth Avenue, Clarion, Pa.	Catfish Hollow, Sarah Furnace, Pa.	5357	James Aquilina.
Central Moshannan Coal Mng. Co., 801 Don Street, Houtzdale, Pa.	Central Moshannon #3, Houtzdale, Pa.	5216	Thomas Smith.
Cherry Run Coal Mng. Co., Snow Shoe, Pa.	Cherry Run #6, Snow Shoe, Pa.	5352	H. J. Buen.
Cherrytree Coal Co., St. Benedict, Pa.	Victor #17 Mine, St. Benedict, Pa.	525	Richard Peale.
Chest Creek Coal Co., Hastings, Pa.	Miller Run #8, Hastings, Pa.	2623	Helen Radomsky.
Clarence Coal Mng. Co. (B. Friedman), Clarence, Pa.	Cherry Run #8, Clarence, Pa.		Jacob Friedman.
J. O. Clark Heirs, Partnership, Glen Campbell, Pa.	Superior #1 and 3, R. F. D. #1, Glen Campbell, Pa.	567	Aaron P. Clark.
Clyde Coal Co., Front Street, Philipsburg, Pa.			
Coal Mining Co. of Graceton, Inc., 545 N. Mahoning Street, Punxsutawney, Pa.	Graceton, Graceton, Pa.	190	A. L. Light.
Consolidated Fuel Co., Frostburg, Md.	#1, Ocean, Md.	108	William E. Jenkins.
	#3, Hoffman, Md.	109	
	#4	110	
	#10, Eckhart, Md.	111	
	#17 Lord, Md.	113	
Creekside Coal Co., Summerville, Pa.	Creekside #1, Summerville, Pa.	4062	Roy Jones.
Cumberland Coal Co. of Baltimore City, 217 E. Redwood St., Baltimore, Md.	Douglas, Douglas, Tucker Co., W. Va.	139	Edmund N. Gorman.
Dahlin Bros., Houtzdale, Pa.			
Davis Coal & Coke Co., 810 Keyser Bldg., Baltimore 2, Md.	Pendleton #23, Thomas, W. Va.	365	Dr. Huston St. Clair.
	Coketon #37, Coketon, W. Va.	100	
	Benbush #38, Benbush, W. Va.	35	
	Pierce #39	383	
	Pierce #40, Pierce, W. Va.	384	
	Kempton #42, Kempton, Md.	127	
Deringer Fuel Co., Spangler, Pa.			
Diamond "D" Coal Co., 125 N. Edgewood, Somerset, Pa.	Barrie "D," Somerset, Pa.	5046	George W. Davis.
Dorsch Coal Co., 720 E. Sample St., Ebensburg, Pa.	Dorsch #1, Ebensburg, Pa.	538	John Dorsch.
Duncan Spangler Coal Co., Bigler Avenue, Spangler, Pa.	Delta #2, Barnesboro, Pa.	133	John E. Reilly.
Dushan Coal Mng. Co., 501 Stone Street, Osceola Mills, Pa.	DuShan #1, 501 Stone St., Osceola Mills, Pa.	140	James F. Wagan.
East Windber Coal Co., 540 Central Avenue, Johnstown, Pa.	East Windber #4	141	Thomas Hindman.
	East Windber #5, 540 Central Ave., Johnstown, Pa.	142	
Eastern Gas & Fuel Associates (Koppers Coal Div.), 1050 Koppers Bldg., Pittsburgh 19, Pa. (also in D-2, D-3, D-7, and D-8).	Melcroft, Melcroft, Pa.	315	L. C. Campbell.
	Sonman "B"	476	
	Sonman "E"	477	
Ebensburg Coal Co., 123 S. Broad Street, Philadelphia 9, Pa.	Ebensburg #1, Colver, Cambria County, Pa.	143	G. Dawson Coleman.
Ednie Fuel Inc., Box 399, Philipsburg, Pa.	Broadmont #1	5325	Thomas F. Morgan.
	Broadmont #2, Huntingdon Co., Pa.	5326	
E. Eichelberger & Co., Everett Bank Bldg., Everett, Pa.	Bacon #4, Six Mile Run, Pa.	22	Coolidge A. Eichelberger.
Eleanora Coal Co., 105 Pine Street, Punxsutawney, Pa.			
Elk Garden Big Vein Coal Corp., P. O. Box 809, Cumberland, Md.	Elk Garden Big Vein, Shaw, W. Va.	2731	William L. Sherman.
Elliott Coal Mng. Co., 8 N. Front Street, Philipsburg, Pa.	Curtin 1 & 2	5341	
	Penn 8-12		
	Hassinger		
	Knowles #1	1626	
	Colorado #3	107	
	Vaughn		
	Casper #9	5365	
	Penn 6	5364	
	Penn #14	5260	
	Penn 8	5258	
	Penn 9, Philipsburg, Pa.	667	

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT 1—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Enterprise Coal Mng. Co., Garrett, Pa.	Ponfeigh #6		W. E. Gnagey.
	Ponfeigh Smokeless #1		Chas. E. Merrill, Jr.
	Ponfeigh		Do.
	Ponfeigh #1 & #1A	387	Do.
	Ponfeigh #7 & 7B		Do.
Evans Coal Co., Box 589, Clarion, Pa.			
Fall Brook Coal Co., Bridge Street, Antrim, Pa.			
Glen Fisher Coal Co. (America & James Betta), Weedville, Pa.	Glen Fisher, Weedville, Pa.	1432	America Betta.
Foreman-White Coal Co., Saxton, Pa.			
Forks Coal Mng. Co., Box 7, Cresson, Pa.	Hughes #11, Blandburg, Pa.	219	W. H. Hughes.
	Iron Springs, Cresson, Pa.		
Franklin Hills Mng. Co., P. O. Box 779, 36 Harvard Street, Cumberland, Md.	Franklin Hills Mining Co., near Westernport, Md.	5592	A. H. Wilson.
Gahagen Coal Co., Box 137, Rockingham, Pa.	Huskin #3	220	H. W. Gahagen.
	Huskin #6	222	
	Huskin #4, Gahagen, Pa.	221	
Garfield Fuel Co., Box 31, Bolivar, Pa.	Garfield #3, Bolivar, Pa.	3343	W. W. MaQuilken.
Garman Coal Co., Barnesboro, Pa.			
Garrett Coal Corp., Kitzmiller, Md.	Earl #2, Vindex, Md.	3315	W. Robert Nethken.
Georges Creek Big Vein Coal Co., Box 197, Frostburg, Md.	McDonald, Barton, Md.	298	James Jenkins.
Georges Creek Coal Co., Inc., Liberty Trust Bldg., Cumberland, Md. (also in D-8).	G. C. #2	175	R. L. Stallings.
	G. C. #3, Lonaconing, Md.	176	
Glen Coal Co. (R. E. Askey), Laurel St., Philipsburg, Pa.	Glen #2, Philipsburg, Pa.	2315	R. E. Askey.
Goodtown Smokeless Coal Mining Co., 217 Broadway, Berlin, Pa.	Pine Hill #2	385	Wm. O'Dwyer.
	Pine Hill #3	3944	
	Pine Hill #4, Goodtown, Pa.	5398	
	Bittner #1	1627	
	Bittner #2, Pine Hill, Pa.		
W. O. Gulbranson, Inc., McAteer Street, Houtzdale, Pa.	Imperial #2	224	W. O. Gulbranson.
	Imperial #3, Houtzdale, Pa.	225	
Hamler Coal Mng. Co., P. O. Box 229, Somerset, Pa.	Hamler, Sligo, Clarion Co., Pa.	194	George A. Dickey.
F. R. & H. L. Harrington, Center Street, Adams, Mass.	F. R. & H. L. Harrington, Clearfield County, Karthaus & Covington Twp., Frenchville, Pa.	198	H. L. Harrington.
Hastings Fuel Co., 12 S. 12th Street, Philadelphia 7, Pa.	Hastings #1	202	E. M. Cortright.
	Hastings #2, Hastings, Cambria Co., Pa.	877	
Hawk Run Coal Mng. Co., Hawk Run, Pa.	Coaldale #26, Hawk Run, Pa.	98	Jos. S. Rusnak.
Haws Refractories Co., 407 Main Street, Johnstown, Pa.	Shaft Mine #7, Johnstown, Pa.	236	E. E. Slick, Jr.
Heisley Coal Co., 1617 Penn Blvd., Philadelphia, Pa.	Heisley, Nanty Glo, Pa.	205	L. G. Ball.
Heshbon Coal Co., Johnstown Bank & Trust Bldg., Johnstown, Pa.	Heshbon #2, Heshbon, Pa.	210	H. J. Meekan.
Hickory Hill Coal Co., R. D. Saxton, Pa.			
Hillman Coal & Coke Co., 1914 Grant Bldg., Pittsburgh, Pa. (also in D-2).	Jerome #1	233	J. N. Hillman, Jr.
	Jerome #2	234	
	Jerome #3, Jerome, Somerset Co., Pa.	235	
Hillside Coal Co., 115 11th Street Philipsburg, Pa.	Hillside #1, S. Philipsburg, Pa.	237	James F. Eyerly.
	Hillside #2	336	
	Hillside #3	3714	
	Hillside #4	3868	
	Hillside #6, Osceola Mills, Pa.	2186	
R. M. Himes, Box 61, Brockway, Pa.	Himes Mine, Washington Twp., Jefferson Co., Pa.	1511	R. M. Himes.
A. P. Hoffa Coal Co., Barton, Md.	Hoffa #4, Barton, Md.	215	Arthur P. Hoffa.
C. A. Hughes & Co. (R. H. Moore & Thomas, A. Swope) P. O. Box 28, Cresson, Pa.	Hughes #2, Portage, Pa.	217	R. H. Moore.
	Lilly #3, Lilly, Pa.	280	

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT #1—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Imperial Coal Corp., 703 Johnstown Bank & Trust Bldg., Johnstown, Pa.	Cambria Smokeless, Coalport, Pa.	81	Charles A. Owen.
	Diamond Smokeless, Boltz Pa.	134	
	Imperial Cardiff, Nettleton, Pa.	223	
James Coal Mng. Co., Crossett Bldg., North McKean Street, Kittanning, Pa.	Glenside #6, Straford, Indiana Co., Pa.	182	L. A. Schry.
	Orpha, Cadogan, Armstrong Co., Pa.	353	
Johnstown Coal & Coke Co., 1006 United Nat'l Bank Bldg., Johnstown, Pa.	Portage #2	393	Andrew B. Crichton.
	Portage #4	392	
	Portage #8	394	
	Portage #10	396	
	Portage, Pa.	285	
	Logan #4	287	
	Logan #6 Beaverdale, Pa.		
	Manor #3, Vindex, Md	895	
Jordan Coal Co., Moshannan Bldg., Philipsburg, Pa.			
Juliette Coal Co., 1020 Grant Bldg., Pittsburgh 19, Pa.			
K. & R. Coal Co., Kylertown, Pa.	Ogle #9, Kylertown, Pa.	584	Arthur Rydberg.
William Kardysauskas, 214 South Avenue, Du Bois, Pa.	Wm. Kardysauskas Mine, Westville, Pa.	1588	Wm. A. Kardysauskas.
Keystone Mng. Co., 100 Cedar Street, New York 6, N. Y.	Sarah Furnace, Sarah Furnace, Clarion County, East Brady, Pa.	451	William W. Inglis.
King Coal Co., New Bethlehem, Pa.	Mauk Mine #1, Sprankle Mills, Pa.	313	Harry E. King.
Knowles Coal Co., Box 43, Philipsburg, Pa.	Knowles #3, Philipsburg, Pa.	5194	Jonah Knowles.
Koontz Coal Co., P. O. Box 197, Frostburg, Md.	Swanton, Barton, Md	500	James Jenkins.
Michael Koshko, Clarence, Pa.	Lehigh #25, Clarence, Pa.	3647	Michael Koshko.
Kristianson & Johnson Coal Co., Inc., Lanse, Pa.	Alder Run #5		Frans Kristianson.
	Flat Run #1 & #2, Allport, Pa	259	
Kuhstos & Bambling, R. D. #2, Hopewell, Pa.	Krist #2 & #3, Morrisdale, Pa	1646	Otto Kuhstos.
	Cambria #1, Hopewell, Pa.	532	Sixtus Gampdon.
L. C. S. Colliery, Inc., 207 Porch Bldg., Franklin Street, Johnstown, Pa.	Virginia #14, Heshbon, Pa.	263	B. A. Lantzy.
Lanark Coal Co., Hastings, Pa.	Lanark #1, Hastings, Pa.		Jos. Saricks.
Lee Hollow Coal Co., 32 N. 2nd Street, Clearfield, Pa.	G & S #3, La Jose, Pa.	274	W. T. Carpenter.
Leland Coal Co., 32 Broadway, New York, N. Y.	Clover Run, Mahoffery, Pa.	289	A. R. Burkett.
Lick Run Coal Co., Box 45, Lloydell, Pa	Leland #10, Beccaria, Clearfield Co., Pa.	5277	
	Lick Run #2	167	A. L. Light.
	Lick Run #3 Lloydell, Pa.		
A. L. Light (Special), 545 W. Mahoning St., Punxsutawney, Pa.	Frances Mine, Rossiter, Pa.		
Liller & Dropleman Coal Co., Inc., Elk Garden, W. Va., (2200-B).			
Lindsey Coal Mng. Co., Punxsutawney, Pa.	Lindsay #4 Mine, Mundorf, Pa.	282	A. L. Light.
Loyal Hanna Coal & Coke Co., 1436 Commercial Trust Bldg., Philadelphia, Pa.	Loyal Hanna #5, Cairnbrook, Pa.	280	C. M. Watt.
Mack Coal Co., 125 S. Main St., Homer City, Pa.	Mack #5, Homer City, Pa.	3939	Lisle S. Flickinger.
Manon Coal Corp. (D. B. Holsopple), Holsopple, Pa.	Spangle #3 Mine, Bamshoro, Pa.	320	D. B. Holsopple.
Maryland Trojan Coal Co., 718 Real Estate Trust Bldg., Philadelphia, Pa.	Cush Creek, Glen Campbell, Pa.	511	F. A. Taylor.
Mistetler Coal Co., Box 230, Keyser, W. Va.	Hampshire #9	196	Earl K. Hess.
	New Creek Hampshire, W. Va.	542	
McCombie Coal Mng. Co., Spangler, Pa.	McCombie #10, Bakertown, Pa.	5389	Frank McCombie.
	Savy Smokeless, Carrollton Road, Pa. (Bakertown).	3273	
	McCombie #2, Spangler, Pa.	236	
McCormick Coal Co., Barnesboro, Pa.	McCormick #2, Barnesboro, Pa. (Cymbria Siding).	126	Robert J. McCormick.

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT #1—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
McGraw and Bindley, 1723 Oliver Bldg., Pittsburgh 22, Pa.	Oak Ridge #4, Spangler, Pa.	3896	Hurban A. McGraw.
James M. McIntyre & Co., 929 Commercial Trust Bldg., Philadelphia 2, Pa.			
McNitt Coal Co., Box 197, Frostburg, Md.	McNitt #2	305	James Jenkins.
	McNitt #3	3821	
	Midlothian, Md.		
	Hamill, Kitzmiller, Md.	193	
Middle Pennsylvania Coal Corp. (Chas. W. Davis, Receiver), Madera, Pa.	Mid Pen #4	317	H. B. Swoope, Jr.
	Clemmos #1	82	
	Belsena #1	3671	
	Bucher	3733	
	Madera, Pa.		
George E. Miller Coal Co., 214 W. Market Street, Lewistown, Pa.			
Mineral Point Coal Co., 606 First Natl. Bank Bldg., Johnstown, Pa.	Smokeless #4, Mineral Point, Pa.	473	Paul E. Henise.
Mohawk Mining Co., Colwell-Arnold Bldg., Kittanning, Pa.			
Monroe Coal Mng. Co., 1617 Penn. Blvd., Philadelphia, Pa.	Revloc, Revloc, Pa.	429	L. G. Ball.
Morehouse Brothers, 198 E. Main Street, Frostburg, Md.	MB #1, Lonaconing, Md.		D. W. Moorhouse.
Morrisdale Coal Mng. Co, 1512 Real Estate Trust Bldg., Philadelphia, 7 Pa.	Cunard Slope	125	R. W. Wigton.
	Maxton Slope	722	
	Morrisdale #4	212	
	Morrisdale, Pa.		
H. J. Morrison, 199 Main Street, Brockway, Pa.	H. J. Morrison Mine, Westville, Pa.	1803	H. J. Morrison.
Morris Run Coal Mng. Co., 1118 Miners Natl. Bank, Wilkes-Barre, Pa.	Bloss	335	John C. Haddock.
	Seymour	455	
	Teasdale #1	3518	
	Morris Run, Tioga Co., Pa.		
Moshannon Smithing Coal Co., 4th & Reed St., Clearfield, Pa.	Glenfmar #1, Ramey, Pa.	179	Walter S. Williams.
Mountain Fuel Co., 116 N. Main St., Greensburg, Pa.	Idabelle #1	1199	Fred M. McIntyre.
	Idabelle #2	3066	
	Homer City, Pa.		
S. J. Mountz, Smithmill, Pa.	S. J. Mountz Co., Smithville, Pa.	531	Viola M. Rickenbaugh.
Joseph E. Mulson, Hillcrest, Philipsburg, Pa.	Mulson Coal Mine, Philipsburg, Pa.	1817	Joseph Mulson.
Harvey Naughton, P. O. Box 516, Windber, Pa.			
New Bethlehem Coal Co., New Bethlehem, Pa.	Bostonia #10	3054	Hugh W. Iseman.
	Bostonia #11		
	New Bethlehem, Pa.		
New Shawmut Mng. Co., St. Marys, Pa.	Brandy Camp, Brandy Camp, Pa.	357	W. J. Stetteler, Jr.
	No. 42, Byrnedale, Pa.	467	
	Proctor, Tyler, Clearfield Co., Pa.	401	
New York Central R. R. Co., Coal Mining Department, Indiana, Pa.	Clymer #1	96	T. F. McCarthy.
	Clymer #2	99	
	Clymer, Pa.		
	Barr, Dixonville, Pa.	945	
	Commodore, Commodore, Pa.	104	
	Arcadia #1	380	
	Arcadia #2	3533	
	Arcadia, Pa.		
	Rossiter Deep & Strip, Rossiter, Pa.	443	
	Cooper, Gramflat, Pa.	120	
	Dutch Run, Alverda, Pa.	382	
	Barr #2 "B"	3284	
	Barr #2 "D"	3288	
	Clymer, Pa.		
North Branch Smokeless Coal Co., 838 Munsey Bldg., Washington, 4, D. C.	North Branch, P. O. Box 261, Piedmont, W. Va.	541	Floyd M. Smith.

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT #1—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Northwestern Mng. & Exchange Co., P. O. Box 391, Scranton, Pa.	Kramer, Henderson Twp., Jefferson Co., B-178, Du Bois, Pa.	257	H. J. Connolly.
	Kyler, Fox Twp., Elk Co., Du Bois, Pa.	261	
	Oyster, Harton Twp., Elk Co., Du Bois, Pa.	355	
Nugent Mng. Co., Box 119, Du Bois, Pa.	Nugent #3, Beech Tree, Pa.	5278	M. H. Hartzfeld.
	Rattlesnake, Lanes Mills, Pa.	1657	
Paint Creek Collieries, P. O. Drawer #270, Johnstown, Pa. (taken over by Toth Bros.).	#2, Carpenter Park, Pa.	80	J. M. Dorey.
Painter & Dell (G. Wesley Dell), Three Springs, Pa.	Roll & Rock Mine, Three Springs, Pa.	831	W. M. Painter.
Patton Clay Manufacturing Co., Drawer M, Patton, Pa.	Patton Clay #1, Patton, Pa.	831	J. Fred Blankenhorn.
Peale, Peacock & Kerr, Inc., St. Benedict, Pa.	Victor #18	526	Rembrandt Peale, Jr.
	Victor #19	590	
	St. Benedict, Pa.		
Peerless Coal Co., P. O. Box 337, Narbeth, Pa.	Peerless #2, Windber, Pa.	3606	Harper J. Quinn.
Penn Smokeless Fuel Co., Box 2034, Jerome, Pa.	Hiyasota #1	213	Don R. Simpson.
	Hiyasota #2	1077	
	Jerome, Pa.		
Wm. Penn Coal Co., Bolivar, Pa.	Ellen #1, Bolivar, Pa.	5024	Albert V. Elsman.
Pennsylvania Coal & Coke Corp., 70 E. 45th St., New York, N. Y.	Pennsylvania #3	371	H. Lionel Kringel.
	Pennsylvania #8	373	
	Ehrenfeld, Pa.		
	Pennsylvania #9B, Cresson, Pa.	374	
	Pennsylvania #10, Gallitzin, Pa.	376	
	Pennsylvania #22, Garman, Pa.	379	
	Pennsylvania #46, Winburne, Pa.	381	
Pennsylvania Electric Co., 222 Levergood Street, Johnstown, Pa.	Seward Mine #5, Johnstown, Pa.	.....	W. C. Sontum.
W. A. Perry, Box 668, Clearfield, Pa.	.....	.....	W. A. Perry.
Pine Hill Coal Co., 722 Washington St., Cumberland, Md. (2200-B).	.....	.....	
Pine Hill Smokeless Coal Co., Inc., Garrett, Pa.	.....	.....	
W. H. Piper & Co., Inc., 814 Main St., Lilly, Pa.	Sonman #2, Lilly, Pa.	474	Leslie S. Piper.
Pittsburgh Consolidation Coal Co., Pittsburg Coal Co., 2000 Koppers Bldg., Pittsburgh 19, Pa. (also in D-2 and D-3).	#119, Jenner, Pa.	114	G. A. Shoemaker.
	#120, Acosta, Pa.	115	
	#123, Gray, Pa.	117	
Ponleigh Smokeless Coal Co., Garrett, Pa.	.....	.....	
Portage-Kittanning Coal Co., 805 Main Street, Portage, Pa.	.....	.....	
Powell Coal Co., 407 Market St., Kittanning, Pa.	Powell Coal Co., R. D. #2, Kittanning, Pa.	5089	H. K. Powell.
C. E. Powell Coal Co., Blandburg, Pa.	#1 Glasgow, Pa.	.....	C. E. Powell.
	#4 Blandburg, Pa.	5551	
Press Coal Co., R. F. D., Barnesboro, Pa.	Thermal #7, Barnesboro, Pa.	.....	Steve Pyrz.
Pritts Bros. Coal Co., Kitzmiller, Md.	Pritts Bros. Coal Co., Kitzmiller, Md.	1912	M. E. Pritts.
Quality Coal Co., Myersdale, Pa.	Quality Pine Hill, Goodtown, Pa.	405	J. G. Brown.
Red Lands Coal Co., 1617 Pennsylvania Blvd., Philadelphia, Pa.	#9	43	L. G. Ball.
	#11	44	
	Heilwood, Pa.		
Reed Coal Co., Box 74, Distant, Pa.	#1, Elmora, Pa.	.....	Robert P. Reed.
Reitz Coal Co., Windber, Pa.	#3 "B"	421	W. H. Ritter.
	#3 Upper	422	
	#4	423	
	Central City, Pa.		
	#8, Scalp Level, Pa.	424	
Rich Hill Coal Mng. Corp., Cresson, Pa.	#1	430	R. H. Moore.
	#2	431	
	#3	.....	
	Hastings, Pa.		

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT #1—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Richland Coal Co. (Jesse W. Heeter), Route #1, Windber, Pa.	Richland Coal Co., R. D. #1, Windber, Pa.	809	J. W. Heeter.
Rimersburg Coal Co., 100 Main Street, Rimersburg, Pa.	Fox Mine	2989	P. E. Crane.
	Brady's Bend #3, Rimersburg, Pa.		
Rochester & Pittsburgh Coal Co., 655 Church St., Indiana, Pa.	Beachtree, R. D., Jefferson Co., Brockway, Pa.	5120	Heath S. Clark.
	Big Bend, Twin Rocks, Cambria, Pa.	230	
	Ernest, Ernest, Indiana Co., Pa.	154	
	Helvetia, Helvetia, Clearfield Co., Pa.	206	
	Kent #1	244	
	Kent #2, McIntyre, Indiana Co., Pa.	245	
	Kent #3	5018	
	Kent #4, Clune, Indiana Co., Pa.	247	
	Lucerne, Lucernemines, Indiana Co., Pa.	292	
	Sagamore, Sagamore, Armstrong Co., Pa.	449	
	Waterman #2, Tidedale, Indiana Co., Pa.	536	
	Yatesboro, Nu Mine, Armstrong Co., Pa.	552	
Rockhill Coal Co., 1421 Chestnut St., Philadelphia, Pa.	#1	436	J. William Wette
	#5	437	
	#9	441	
	#10, Robertsdale, Pa.	612	
Royal Quemahoning Coal Mng. Co., 1015 U. S. Natl. Bank Bldg., Johnstown, Pa.	#1	445	Robert P. Reed
	#2, Stoystown, Pa.		
Russell Mining Co., Box 779, Cumberland, Md.	Russell Mining Co., Cumberland, Md		A. H. Wilson.
Saxman Coal & Coke Co., 1414 Commonwealth Bldg., Philadelphia 7, Pa.	Harrison	199	P. M. Saxman.
	Saxman "E", Que Creek, Somerset Co., Pa.		
Shannon Co., Dudley, Pa.			
Silver Crest Coal Co., 722 Washington St., Cumberland, Md.	Silver Crest Mine, Mt. Savage, Md.	5700	William L. Sherman.
Smokeless Quemahoning Coal Co., 128 N. Center St., Somerset, Pa.	Alex #1, Somerset, Pa.	7	George A. Dickey.
South Hill Coal Co., Shawmut Bldg., Kittanning, Pa.	Seneca, Colwell, Pa.	418	E. Halberg.
Springfield Coal Corp., St. Benedict, Pa.	#1	479	Richard Peale.
	#2	281	
	#4	5664	
	#5, St. Benedict, Pa.	153	
Sterling Coal Co., 1069 Broad St. Station Bldg., Philadelphia 3, Pa.	Sterling #1	482	Robert B. Baker.
	Sterling #6, Bakerton, Pa.	484	
Stineman Coal Mining Co., South Fork, Pa.	Stineman #1	485	F. H. Stineman.
	Stineman #3, South Fork, Pa.	3761	
Stineman Coal & Coke Co., 1145 Broad St. Station Bldg., Philadelphia, Pa.	Stineman #2	486	Thomas E. Wynne.
	Stineman #4, South Fork, Pa.	487	
	Stineman #10	630	
	Stineman #6, Riverside, Pa.	229	
S. C. Streams, 661 Church St., Indiana, Pa.			
Summit Coal Corp., Spirit Bldg., Punxsutawney, Pa.	Summit #6, Dayton, Pa	738	
Summit Coal Mng. Co., Box 421, Indiana, Pa.	#1	2394	F. M. Friel.
	#2, Glenn Campbell, Pa.	833	
	#5, Starford, Pa		
Superior Cherry Run Coal Corp., 128 N. Center St., Somerset, Pa.	Cherry Run, Sligo, Clarion Co., Pa.	90	George A. Dickey

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT #1—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Superior Smokeless Coal Co., White Bldg., Indiana, Pa.	#1	596	J. Gordon Mack.
	#2 Heshbon, Indiana Co., Pa.	5021	
Hiram Swank's Sons, 1st Street, Johnstown, Pa.	#3, Dean Clearfield Co., Pa.		Albert M. Swank.
	#6, Clymer, Indiana Co., Pa.	2127	
	#10, Johnstown, Cambria Co., Pa.	499	
	#15, Pictoria, Somerset Co., Pa.	3084	
	#18, Maple Ridge, Somerset Co., Pa.		
Sylvan Grove Coal Co., Grassflat, Pa.			
Thomas Engineering Co., c/o Sam O. Polino, Elkins, W. Va. (2200-B).			
Toth Brothers, Hooversville, Pa. (see Paint Creek Collieries).			
Underhill Coal Mng. Co., St. Marys, Pa.			
Victory Coal Co., O. B. Coleman, Hooversville, Pa.	Victory Coal Co., Weigle St., Hooversville, Pa.	3794	O. B. Coleman.
Vinton Coal & Coke Co., Vintondale, Pa.	Vinton #1	528	C. M. Schwerin, Jr.
	Vinton #6 Vintondale, Pa.	529	
Waddell Coal Co., Railroad Street, Lonaconing, Md.	Waddell, Lonaconing, Md.	535	Douglas Waddell.
Walburn Coal Co., R. F. D. #1, Brockport, Pa.	Bona #2, R. D., Brockway, Pa.	745	John Bona.
Wallwork Coal Co., Summerville, Pa.	Walco #3, Sligo, Pa.	4045	J. F. Wallwork.
Walnut Run Coal Co., Box 145, Barnesboro, Pa.	Byrnes #1, Barnesboro, Pa.	74	M. A. Byrnes.
D. G. Wertz Coal Co., 1st Nat'l Bank Bldg., Greensburg, Pa.	Corbett Mine, West Lebanon, Pa.	4026	D. G. Wertz.
West Freedom Mng. Co., Sligo, Pa.			
White Bridge Coal Co., Box 295, Indian Head, Pa.	White Bridge Coal Co. #1, Indian Head, Pa.	4080	John L. Smith.
Wilbur Coal Mng. Co., Hooversville, Pa.	Knickerbocker #3		Clammer B. Berkey.
	Knickerbocker #4 Hooversville, Pa.	256	
Wilmore Fuel Co., 116 Market St., Johnstown, Pa.	Mack #2, Clymer, Pa.	308	C. C. Dovey.
Wolf Den Coal Corp., Shallmar, Md.	Wolf Den, Shallmar, Md.	546	H. A. Marshall.
F. B. Wood Coal Mining Co., 800 Chestnut St., Barnesboro, Pa.	Foxburg #1, Barnesboro, Pa.	1685	Frank B. Wood.
Yorkshire Coal Co., Madera, Pa.	Yorkshire Mine	554	M. McGlynn.
	Universal #1	618	
	Homestead Madera, Pa.		
Zeth Coal Co., Hopewell, Pa.	Zeth Kelly	2280	N. P. Zeth.
	Zeth Barnett Hopewell, Pa.	5615	

CMA AREA I, DISTRICT #2

Acme Coal Co., Box 355, Charleroi, Pa.			
Airey Coal Co., 623 F. T. & T. Bldg., Uniontown, Pa.			
Alice Coal Mining Co., Oliver, Pa.	Alice, Collier, Pa.	1021	Leo. Duncan.
Allegheny Coal & Coke Co., Brackenridge, Pa.	#2, Bracken, Pa.	9	Lewis W. Hicks.
Allegheny Contracting Co., 101 Hargrove St., Pittsburgh, Pa.	Vegeler #1, East McDonald, Pa.	4034	O. H. Benintend.
	Vegeler #2, Midway, Pa.	4177	
Allegheny Pittsburgh Coal Co., 14 Wood St., Pittsburgh 30, Pa.	Springdale Mine, Parnassus Branch, New Kensington, Pa.	215	A. N. Cartwright.
William Aloe Coal Co., Box 564, Imperial, Pa.	Rider Mine	2489	William Aloe.
	Bertram Mine R. D. #1, Imperial, Pa.	4382	
Altmire Brothers, Box 236, North Apollo, Pa.			
Altmire & Shick Coal Co., Box 236, North Apollo, Pa.	Painter	4067	Harold Altmire.
	Beck Box 236, North Apollo, Pa.		

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT #2—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
American Zinc & Chemical Co., Langeloth, Pa.	Langeloth, Langeloth, Pa.	119	B. N. Zimmer.
Ann Coal Co., Fayette City, Pa.	Ann Coal Co., Box 308, Fayette City, Pa.		Walter Woznick.
Atlantic Crushed Coke Co., 121 N. Main St., Greensburg, Pa.	Seger, R. D. #1, Derry, Pa.	202	S. J. Burkel.
	Salem, R. D. #2, New Alexandria, Pa.	265	
	Atlantic, New Derry, Pa.	6	
Avonmore Coal & Coke Co., Market Street, Leechburg, Pa.	Gilpin	81	L. W. Hicks.
	Valley Leechburg, Pa.	230	
Barnes Coal Co., Masontown, Pa. (2200-B).			
Joseph Baucant, Trust Bldg., McDonald, Pa.	Presutti #2, Primrose, Pa.	2360	
Beatty Coal Co., 501 1st Nat'l Bank Bldg., Latrobe, Pa.	Duquesne Mine	284	J. F. Beatty.
	Beech Creek Mine Latrobe, Pa.		
Bethlehem Steel Co. (Industrial Collieries Corp.), 701 E. 3rd St., Bethlehem, Pa. (also in D-1 and D-3).	Ellsworth #52	2498	M. L. Jacobs.
	Capeburg #53	2499	
	Marianna #58 Ellsworth, Pa.	2500	
Blaney-Strawn Coal & Coke Co., Star Junction, Pa.	Washington Mine, Star Junction, Pa.	2157	A. E. Strawn.
	Strawn #2, Wickhaven, Pa.	2745	
Boliver Fuel Co., Boliver, Pa. (2200-B)			
Bortz Coal Co., Union Trust Bldg., Uniontown, Pa.			
Bowman Coal Co., Market St., Leechburg, Pa.	Bowman Mine, Leechburg, Pa.	17	L. W. Hicks.
George K. Brennen, 207 Brennen Bldg., Scottdale, Pa.	Myers #3, Mount Pleasant Twp., Tarr, Pa.	159	George K. Brennen.
Buckeye Coal Co., Stambaugh Bldg., Youngstown 1, Ohio.	Nemacolin, Nemacolin, Pa.	164	S. L. Mautho.
	Grove City Strip, Grove City, Pa.	3033	
Bulger Block Coal Co., 1083 Union Trust Bldg., Pittsburgh 19, Pa.	#1	285	J. Cobb.
	#2 State St., Oakdale, Pa.	4113	
Butler Consolidated Coal Co., Wildwood, Pa.	Wildwood, Wildwood, Pa.	242	F. G. West.
	Kincaid, Karns City, Pa.	115	
Byars Coal & Coke Co., 408 Arthur Ave., Scottdale, Pa.	Jane, Scottdale, Pa.	105	John W. Byars.
C. & C. Coal Co., Clinton, Pa.	Ruth, Clinton, Pa.	4033	
Calabro & Trelfall, 593 W. Pike Street, Canonsburg, Pa.	DeCook, Bulger, Pa.	4452	Dominick Calabro.
Chas. E. Campbell, Box 431, Bridgeville, Pa.	Maude Mine, Box 431, Bridgeville, Pa.	339	Chas. E. Campbell.
Carnegie-Illinois Steel Corp., 434 5th Avenue, Pittsburgh, Pa.			
Carpentertown Coal & Coke Co., 515 2nd National Bank Bldg., Uniontown, Pa.	Carpentertown Mine, Mt. Pleasant, Pa.	386	W. T. McGee.
Carr Coal Company, Shields Bldg., Ross Avenue & Wood Street, Wilkinsburg, Pittsburgh 21, Pa.	Carr #1, Shields Bldg., Wilkinsburg, Pittsburgh 21, Pa.	313	John S. Carr.
Castle Shannon Coal Corp., 843 Wabash Bldg., Pittsburgh, Pa. (also in D-1 and D-6).	#8 Coverdale, Pa.	224	J. C. Forrest, Jr.
Chartiers Gas Coal Company, 1422 Oliver Bldg., Pittsburgh, Pa.	Magnolia, 407 Woodland Rd., Cannonsburg, Pa.	196	T. F. Springer.
Cipolla Fuel Corp., P. O. Box 612, New Kensington, Pa.	Valley Camp Mine, New Kensington, Pa.	2134	Steve Cipolla.
Clickovich & Savage Coal Co., 922 Hill Street, Belle Vernon, Pa. (2200-B).			
Coal Hollow Coal Co., Box 263, West Newton, Pa.	Coal Hollow Coal Co., West Newton, Pa.	1357	George B. Hoffman.
Joseph Coates Coal Co., Box 426, Imperial, Pa.	Beatrice #2, R. D. #1, Clinton, Pa.	2302	George Christopher.
Cochran Coal Co., 34 W. 4th Street, Williamsport, Pa.	#1, Salina, Pa.	38	C. Earle Blair.
Consumers Mining Co., 1134 Market Street, Wheeling, W. Va.	Harmarville Mine, Harmarville, Pa.	88	G. W. Hewitt
Cornish & Dickerson Coal Co., 166 N. Gallatin Avenue, Uniontown, Pa.			
Cosco Gas Coal Co., 601 B. C. N. Bank Bldg., Butler, Pa.	Cosco #1, R. D. #1, Butler, Pa.	41	W. E. Stover.
	Cosco #2, R. D. #1, Butler, Pa.	42	

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT #2—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
I. E. Coyer, Rt. #1, Grove City, Pa.	I. E. Coyer Mine, Grove City, Pa.	1119	I. E. Coyer.
Creighton Fuel Co., Freeport Rd, Creighton, Pa.	Creighton, Creighton, Pa.	48	V. L. Henry.
Crow's Nest Mining Co., R. D. #2, Greensburg, Pa.	Crow's Nest, Greensburg, Pa.	52	F. E. Battle.
Crucible Steel Co. of America, Crucible Fuel Division, 2041 Oliver Bldg., Pittsburgh, Pa.	Crucible, Crucible, Greene Co., Pa.	58	W. H. Colvin.
Crystal Mining Co. (Edward S. Higbee), Box 136, Gans, Pa.	Crystal, Gans, Pa.	478	Edward S. Higbee.
Culmerville Coal Co., Route #2, Tarentum, Pa.	Mutual #3, Tarentum, Pa.	158	George Batcher.
Thomas J. Curry, 218 Morgantown St., Uniontown, Pa.			
Daugherty Coal Company, 203 Monongahela City Trust Bldg., Monongahela, Pa.			
Davidson-Connellsville Coal & Coke Co., 2nd National Bank Bldg., Connellsville, Pa.	Frederick #1, Connellsville, Pa.	74	W. J. Davidson.
Deacon, Pickens & Wright (Dennis K. Pickens), Clinton, Pa.	Miller Mine, Clinton, Pa.	620	George P. Deacon, Jr.
Deer Field Coal Co., Shields Building, Ross Ave. & Wood St., Wilkinsburg, Pittsburgh 21, Pa.	Clements	2224	John S. Carr.
Delmont Fuel Co., 411 Bank & Trust Building, Greensburg, Pa.	Deer Renton, Pa.		
	#7, Delmont, Pa.	4036	R. H. Jamison, Jr.
	#9, Manor, Pa.	4337	
	#10, R. D. #1, Ruffsdale, Pa.	4043	
Diamond Coal Co., W. Church Street, Masontown, Pa.			
Dick Construction Co., 2532 Library Road, Pittsburgh 10, Pa.	Inrun #2, Harmarville, Pa.	4130	Noble J. Dick.
Dohm Coal Co., Lemont Furnace, Pa. (2200-B).			
Duquesne Light Co., 435 Sixth Avenue, Pittsburgh 19, Pa.	Harwick, Harwick, Pa.	9997	Pressly H. McCance.
Eastern Gas & Fuel Associates, Koppers Coal Division, Pittsburgh 19, Pa. (also in D-1, D-3, D-7 and D-8).	Warwick, Greensboro, Pa.	9998	
	Butler Junction, Leechburg, Pa.	23	L. C. Campbell.
Eberly Coal & Coke Co., 208 Union Trust Bldg., Uniontown, Pa.			
Elrama Mng. Co., 229 W. Main St., Monongahela, Pa. (2200-B).			
Emerald Coal & Coke Company, Grant Building, Pittsburgh 19, Pa.	Emerald, Clarksville, Pa.	60	J. H. Hillman, Jr.
Eureka Fuel Co., Dilliner, Pa.	Eureka Fuel Co., Dilliner, Pa.	2581	H. D. Dawson.
Fancy Hill Coal Co., Lake Lynn, Pa.	Eagle Mine, Lake Lynn, Pa.	56	Ray Blosser.
Farrar & Nagode, Box 454, Midway, Pa.	Dickson, Box 454, Midway, Pa.	4118	John C. Farrar.
Fayette Fuel Co., 108 N. Beeson Ave., Uniontown, Pa.	Redstone, Brownfield, Pa.	395	J. L. Hankins.
Ford Collieries Co., Biddle Avenue, Wyandotte, Michigan.	Leith Coke Plant, Leith, Pa.		
Ford and Gaskill, Greensboro, Pa.	Francis, Curtisville, Pa.	72	F. A. Huber.
H. C. Frick Coke Co., Frick Bldg., Pittsburgh 30, Pa.	Berry, Bairdsford, Pa.	71	
	Bridgeport, So. Brownsville, Pa.	2174	Harry M. Moses.
	Colonial #3	38	
	Colonial #4 Roscoe, Pa.	39	
	Continental #2, Pittsburgh, Pa.	40	
	Filbert, Antram, Pa.	67	
	Gates, Gates, Pa.	77	
	Kyle, Kyle Colliery, Pa.	118	
	Leisenring, Leisenring, Pa.	2171	
	Maxwell, Maxwell, Pa.	146	
	Phillips, Pittsburgh, Pa.	178	
	Shoaf, Shoaf, Pa.	2173	
	Oliphant, Pittsburgh, Pa.	3067	
	Palmer, Antram, Pa.	2170	
	National #1, Sygan, Pa.	181	
	National #3, Muse, Pa.	182	
	Hanes, Canonsburg, Pa.	90	

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT #2—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
H. C. Frick Coke Co., Frick Bldg., Pittsburgh 30, Pa.	Robena, Ronco, Pa	194	Harry M. Moses
	Dearth, Low Phos, Pa	4042	
	Crossland Ovens		
	Collier Ovens		
	Iverson Shop		
	Ralph Shop		
	Leckrone Timber (Treating Plant).		
	Redstone		
	National #4		
	Sharon #2		
	Continental #2		
	Dilworth		
	Dorothy		
	Hecla #1		
Galiardi Coal & Coke Co., 2nd Nat'l Bank Bldg., Connellsville, Pa.	Crawford #10, Shoaf, Pa	4144	Philip Galiardi.
	Patty Strip Mine, Cheat Haven, Pa.	4234	
	York Run Beehive Coke Operation, York Run, Pa.		
Paul E. Garbart, Box 497, Uniontown, Pa.			
Gilmore Coke Co., Fayette Title & Trust Bldg., Uniontown, Pa.	Gilmore, Gilmore, Pa	975	Ray L. Havner.
James Gilmore, 935 Heslop Ave., Donora, Pa.	Equitable Mine, Webster, Pa.	4109	James Gilmore.
Granger Coal Co., 712 Vermont Ave., Glassport, Pa.	Granger #2, Glassport, Pa.	2515	John Granger.
Greene County Coal Company, Route 1, Dilliner, Pa.	Gapen, Poland, Pa	1053	August Valli.
Greensburg-Connellsville Coal & Coke Company, Union Trust Bldg., Pittsburgh 19, Pa.	Francis, Burgettstown, Pa	73	Charles B. Baton.
	Hubbard, Eden Park, Pa	93	
Grippo Coal Co., Box 1069, Butler, Pa			
Guseman Bros. Coal Co., 113 E. Main St., Uniontown, Pa.			
Guseman & Hall, 113 E. Main Street, Uniontown, Pa.			
H. H. & N. Coal Company, Maidsville, W. Va. (2200-B).			
Haas Coal Co., 1420 Farmers Bank Bldg., Pittsburgh, Pa.	Haas, Bull Creek Rd., Tarentum, Pa.	570	L. W. Hicks.
Harner Coal Company, 12 Second Street, Fayette City, Pa.			
Harbaugh Coal Co., R. F. D. #1, Hunker, Pa.	Betty Mine, Madison, Pa.	2168	J. C. Harbaugh.
Harmon Creek Coal Corp., 1st National Bank Bldg., Pittsburgh, Pa.	Florence, Burgettstown, Pa	68	James T. Hillman.
Harrison & Quinette Coal Co., R. F. D. #1, Glenshaw, Pa.	H. & Q., Glenshaw, Pa	574	F. W. Harrison.
Hayes Coal Co., 312 Chestnut St., Scottsdale, Pa.	#3, Avyano, Pa	4140	T. W. Hayes.
Henckel Coal Co., Fayette Title & Trust Bldg., Uniontown, Pa.	Morgan, Smithfield, Pa	4291	Elmer T. Henckel.
J. A. Hill Coal Co., 44 Norma St., Crafton, Pittsburg 5, Pa.	Reiter #2 Mine, Rd. 1, McPoland, Poland Mines, Greene Co., Pa.	649	J. A. S. Hill.
Hillman Coal & Coke Co., Grant Bldg., Pittsburgh, Pa. (also in D-1)	Kees Rocks, Pa.	180	J. H. Hillman, Jr.
	Alicia #3, R. D. #1, Greensboro, Greene County, Pa.	2662	
	Ontario, Eighty-Four, Washington Co., Pa.	170	
	Gibson, Bentleyville, Washington Co., Pa.	80	
	Black Diamond, Hazzard, Washington Co., Pa.	2414	
	Oakmont, Barking, Allegheny Co., Pa.	165	
	Washington, Washington, Washington Co., Pa.	229	
	Clyde #2, Clarksville, Greene Co., Pa.	34	
M. Hudik & Sons Coal Co., Box 184, Greensboro, Pa.	Ress #5, Greensboro, Pa	4374	Matthew Hudik.
Irwin Gas Coal Corp., 121 N. Main St., Greensburg, Pa.	Irwin #4, Slickville, Pa	98	John B. Brunet.

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT #2—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Island Coal Co., Box 391, Waynesburg, Pa.			
Jamison Coal & Coke Co., 116 N. Main St., Greensburg, Pa. (also in D-3).	#2, Hannastown, Pa	102	Ralph E. Jamison.
	#20, Pleasant Unity, Pa	104	
	#21, Hostetter, Pa	340	
Jefferson Coal & Coke Corp., 140 Clokey Avenue, Mt. Lebanon, Pa.	Jefferson Coal & Coke Corp., Avella, Pa.		W. A. McBride.
	Jefferson Coal & Coke Corp., Burgettstown, Pa.		
Fred John, Box 16, New Derry, Pa.			
Jones & Laughlin Steel Corp., 3rd Avenue & Ross St., Pittsburgh 30, Pa.	Vesta #4, California, Washington Co., Pa.	231	C. C. Henning.
	Vesta #5, Vestaburg, Washington Co., Pa.	232	
	Vesta #6, Denbo, Washington Co., Pa.	233	
	Shannopin, Bobtown, Greene Co., Pa.	204	
Keystone Coal Company, 114 N. George Street, York, Pa.	Mooween, Mooween, Pa	155	William H. Baker.
King Bros. Coal & Coke Co., Byrne Bldg., Scottdale, Pa.	Marguerite, Marguerite, Pa	143	Eugene P. Howard.
Kiski Valley Coal Co., New Bethlehem, Pa.	#3, Apollo, Pa	117	H. F. Brennan.
Frank Kopriva, Route #3, Beaver Falls, Pa.	Kopriva, Beaver Falls, Pa.	765	Frank Kopriva.
Lake Lynn Fuel Co., Ltd., Lake Lynn, Pa.			
Langenfelder Mining Co., Box 402, Mt. Pleasant, Pa.	Youngwood #3, South Greensburg, Pa.	4085	W. K. Shewbridge.
	Drennen #2, Finleyville, Pa.	4450	
	George, New Kensington, Pa.		
Latrobe Coal & Coke Co., 1st National Bank Bldg., Latrobe, Pa.	D. John #5, Superior, Pa.	1545	P. B. Klingensmith.
Leckrone Coal & Coke Co., R. F. D. #1, Box 16, McClellandtown, Pa.	Leckrone #2, Leckrone, Pa.	4294	Emilie Erminio.
	Irwin #11, Amend, Pa.	99	
	Shoaf #2, Shoaf, Pa.	2592	
	Puritan #1, Puritan, Pa.		
Leechburg Mining Company, Box 6, Leechburg, Pa.	Foster #4	70	L. W. Hicks.
	Foster #5	71	
	Leechburg, Pa.		
	Armstrong, Leechburg, Pa.	4	
Lemont Coal Company, 515 2nd National Bank Bldg., Uniontown, Pa.	Cornish	986	T. McGee.
	Tunnel	1653	
	Outcrop, Pa.		
Leonard Coal Co., R. D. #1, Dilliner, Pa.	Everly, R. F. D. #1, Dilliner, Pa.	1064	Joseph Leonard.
Ligonier Coal Co. (Robert J. Frank), 403 Summit Avenue, Ligonier, Pa.	Bertha Property, Burgettstown, Pa.	4219	Robert J. Frank.
Logans Ferry Coal Co., 33 Frankford Lane, New Kensington, Pa.	Logans Ferry Hill, New Kensington, Pa.	597	Stephen C. Bednar.
Long & McAlpine Coal Co., Box 357, Herminie, Pa.	Ellena		J. H. Long.
	Walnut Hill	4385	
	Herminie, Pa.		
Loyalhanna Fuel Co., Slickville, Pa.	Louise #2	130	Albert V. Eisaman.
	Mt. Grey	4222	
	Slickville, Pa.		
Luxner Coal Co., Carmichaels, Pa.	Sunshine	4436	Albert Luxner.
	Cathy	4108	
	Poland, Pa.		
M. & M. Coal Co., Box 95, Dunlevy, Pa	Beechwood #2, Speers, Pa	409	D. Alexsonshk.
Maher Coal & Coke Co., 1420 Farmers Bank Bldg., Pittsburgh, Pa.	#4, Beechburg, Pa	137	R. C. Maher.
Mammoth Coal & Coke Co., Mammoth, Pa.	#1, Mammoth, Westm'd County, Pa.	2266	R. R. Newhouse.
Manning Coal Co., Box 1608, Uniontown, Pa.			
Marie Coal Company, Box 462, Fairchance, Pa.			
Mather Collieries, Pickand Mather and Co., 300 Union Commerce Bldg., Cleveland 14, Ohio.	Mather, Mather, Pa	145	E. Allan Brookes.
Henry Matthews, R. D. #1, Lemont Furnace, Pa. (2300-B).			

Mines in Government possession ... November 1946—Continued

UMA AREA I, DISTRICT #2—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
F. C. Mayer, 702 Bank Street, Bridgeville, Pa.			
Mazzaro Coal Co., 181 McCoy Road, McKees Rocks, Pa. (2200-B).			
McBride Coal Company, 1707 Mifflin Rd., Pittsburgh 7, Pa.			
McClane Mining Co., Washington Trust Bldg., Washington, Pa.	Rich Hill, Meadowlands, Pa.	334	W. H. McClane.
McCormick Coal Co., Box 287, Butler, Pa.			
McDonald Mining Co., Oakdale, Pa.			
McKetta Coal Co., Yukon, Pa.			
McLean Coal Co., Bridgeville, Pa.	Vulcan Mine, Treveskyn, Pa.	235	W. F. McLean.
Mid Atlantic Coal Co., 520 Grant Bldg., Pittsburgh, Pa. (2200-B).			
W. J. Miller, Sturgeon, Pa.	Miller (Deep) Miller (Strip) Sturgeon, Pa.	621	W. J. Miller.
Millerstown Coal Co., Route #2, Tarentum, Pa.	Victory, Culmerville, Pa.	555	George Batcher.
Moffitt Coal Company, R. F. D. #1, Daisytown, Pa.	Moffitt, Daisytown, Pa.	1224	Paul R. Moffitt.
Molnar Bros. Coal Co., Poland Mines, Pa.			Michael N. Molnar.
Monongahela Coal Co., 229 W. Main Street, Monongahela, Pa. (2200-B).			
Montour Valley Coal Co., Adam Maida, Box 141, Oakdale, Pa. (2200-B).			
Mullett Coal Co., 3424 Liberty Ave., Pittsburgh 1, Pa.	#3, Box 307, Burgettstown, Pa.	4271	D. D. Mullett.
Nard Engineering & Mining Co., 947 Butler St., Etna, Pa. (2200-B).			
A. J. Nassar & Sons, Greensboro, Pa.			
National Steel Corp., 2800 Grant Bldg., Pittsburgh, Pa.	National Steel Mine, Florence, Pa.	2030	T. E. Millsop.
Nobel & Gray Coal Co., R. D. #4, Box 181-A, Uniontown, Pa. (2200-B).	#3, Uniontown, Pa.		M. Nobel.
North Star Coal Co., 604 Bessemer Bldg., Pittsburgh, Pa.	Jean #1, Imperial, Pa.	4338	Alexander C. Speyer, Jr.
Peter Novotny, 1385 Fourth Ave., New Kensington, Pa. (2200-B).			
Old La Belle Mine, 1922 Farmers Bank Bldg., Pittsburgh, Pa.			J. G. Hoffstat.
Ollett Coal Co., Box 311, Bridgeville, Pa.			
Oliphant Coal Co., Rt. 2, Box 220, Uniontown, Pa.			
Alex E. Paris Contr. Co., Studa, Rea, Pa. (2200-B).			
Park Coal Co., Market Street, Leechburg, Pa.	Park Mine, Leechburg, Pa.	4110	L. W. Hicks.
Patterson Construction Co., 10th & R. R. Sts., Monongahela, Pa.	#3, Poland, Pa.	4399	Frank O. Patterson.
Penn Valley Mining Co., 437 Cavitt Avenue, Trafford, Pa.			
Pennsalt Coal Co., 1000 Widener Bldg., Philadelphia 7, Pa.	Natrona #1, Natrona, Pa.	163	Walter S. Malcolm.
Pennsylvania Coal Co., Gray Law Bldg., Uniontown, Pa.			
Penowa Coal Co., 2617 Grant Bldg., Pittsburgh 19, Pa.			
Pine Run Co., Market Street, Leechburg, Pa.	Lewis, Leechburg, Pa.	124	L. W. Hicks.

Mines in Government possession 15 November 1946 -Continued

CMA AREA I, DISTRICT #2—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Pittsburgh Consolidation Coal Co., 2000 Koppers Bldg., Pittsburgh 19, Pa. (also D-1). (D-3 Consolidation Coal Co. (W. Va.).) (D-7 Consolidation Coal Co. (Ky.).)	#3, Renton, Pa	187	G. A. Shoemaker.
	#6, No. Bessemer, Pa	188	
	Clinton Block, Clinton, Pa	2318	
	Banning #1, Van Meter, Pa	10	J. B. Morrow.
	Banning #2, Whitsett, Pa	11	
	Crescent #1, Daisytown, Pa	49	
	Euclid, R. D. 1, Smithton, Pa.	62	
	Henderson #1, Hendersonville, Pa.	92	
	Lindley, R. D. 1, Canonsburg, Pa.	128	
	Mathies, R. D. 2, Finleyville, Pa.	4255	
	Midland, Houston, Pa	148	
	Mongah, Monongahela, Pa	150	
	Montour #4, Lawrence, Pa	151	
	Montour #9, McDonald, Pa	152	J. B. Morrow.
	Montour #10, Library, Pa	20	
	Ocean, Smithdale, Pa	166	
	Solar, R. D. 1, Imperial, Pa	211	
	Sothmers, Pricedale, Pa	212	
	Warden, Sutersville, Pa	237	
	Westland, Westland, Pa	1254	
	Chambers, Clairton, Pa		
	Russell #1		
	Russell #2 Imperial, Pa.	4121	
Pittsburgh & Erie Coal Co., P. O. Box 1123, Erie, Pa.	Grant #1, R. D. #5, Slippery Rock, Pa.	84	A. G. Scheiderhelm.
Plummer & James, 2 Beaver Road, Sewickley, Pa.	#4, Box 107, Brownfield, Pa	4461	J. Lee Plummer.
Potsvue Coal Co., Martin, Pa.			
Powrance Coal Co., Russellton, Pa. (2200-B)			
Ponterero Coal Co., Masontown, Pa.			
Poole Coal Co., Box 250, Delmont, Pa.	Poole, Delmont, Pa	475	E. Z. Poole.
Jess L. Price, R. F. D. 72, Point Marion, Pa. (2200-B).			
Primrose Mining Co., 504 Magee Bldg., Pittsburgh, Pa.	#3	4277	H. Simon.
	#3		
	#3. Carnegie, Pa., Ewing Road. Campbell's Road, Carnegie, Pa. Hodgson Road, Carnegie, Pa.		
Mrs. M. Principini, Box 766, Point Marion, Pa.	M. Principini, Box 766, Point Marion, Pa.		M. Principini.
Rolland Coal Co., Clinton, Pa. (2200-B)			
Republic Steel Corp. (E. B. Winning, Ass't. to V. Pres.), 1608 Republic Bldg., Cleveland 1, Ohio (also in D-8 and D-13).	Russellton, Russellton, Allegheny Co., Pa.	197	J. L. Hamilton.
	Crescent #2, Fredericktown, Green Co., Pa.	50	
	Indianola, Indianola, Allegheny Co., Pa.	96	
	Crescent Strip, Fredericktown, Green Co., Pa.	50	
	Brownsville Jct., Brownsville, Fayette Co., Pa.	21	
	Clyde, Frederick, Green Co., Pa.	33	
Romesberg Brothers, Box 149, Uniontown, Pa.			
S. & U. Coal Co., Box 297, Wyano, Pa.	S. & U. Coal Co., Wyano, Pa.	2151	Stanley Skeloski.
J. L. Sager Coal Co., Second Street, Smithton, Pa.	Sager, Smithton, Pa	1393	J. L. Sager.
Shady Lane Coal Co., 212 Port Street, Scottdale, Pa. (2200-B).			

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT #2—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Shane Brothers, P. O. Box 166, Rochester, Pa.	Shane, Shippingport, Pa.	785	H. R. Shane.
Silhol Coal Co., 316 Station St., Bridgeville, Pa.			
Sims Lumber Co., R. F. D. #4, Washington, Pa. (2200-B).			
Simyak Coal Co., Box 91, Brownsville, Pa.			
Solar Fuel Company, 600 Locust Street, McKeesport, Pa.			
Springer Coal Co., 1422 Oliver Bldg., Pittsburgh 4, Pa.	Enterprise, 407 Woodland Rd., Cannonsburg, Pa.	61	T. F. Springer.
Standard Coal Co., 2615 Grant Bldg., Pittsburgh, Pa.	Standard Mine #6	4015	
	Standard Mine #9	4430	
	Sasso Mine #5	4001	
Mike Starvaggi Coal Co., Weirton, W. Va. (2200-B).	#3 Penn. Mine, Florence, Pa.		Mike Starvaggi.
Sunnyhill Coal Co., 3090 W. Liberty Avenue, Pittsburgh 16, Pa.	#5, Imperial, Pa.	2744	C. H. Snyder.
Swaney & Moats, Box 388, Uniontown, Pa.			
Edward Tomajko, Adamsburg, Pa.	Adamsburg, Adamsburg, Pa.	2	Edward Tomajko.
Edward Tomajko, Jr., Adamsburg, Pa.	Little Gem, Adamsburg, Pa.	2682	Edward Tomajko, Jr.
Top Block Mine, Inc., Box 128, Beaver, Pa.	Top Block, R. D. #1, Coraopolis, Pa.	373	C. M. Webster.
Tremont Coal Co., P. O. Box #6, Belle Vernon, Pa.	#2	325	S. M. Speers.
	#3		
	Landon Station, Pa.		
Twin River Co., 600 Locust Street, McKeesport, Pa.			
Unity Coal Co. (C. L. Amend), R. F. D. #3, Latrobe, Pa.			
The Utah Construction Co., P. O. Box 87, McDonald, Pa. (2200-B)	Russell #1, Champion, Pa.		Merle H. Busby.
	Russell #2, Imperial, Pa.		
V. & J. Coal Co., Grove City, Pa.	Hunt #1, Dilliner, Pa.	4139	Deno Juliani.
John Vaslosky, Box [illegible] R. D. #2, Smithfield, Pa. (2200-B)			
Victoria Coal Co., 325 Oneida Street, Monessen, Pa.	Johnson, Pricedale, Rostraner Twp., Pa.	465	A. L. Brantegam.
Washington Coal Co., Box 452, Apollo, Pa.	Washington, Apollo, Pa.	1421	Peter Marco.
Wayne Coal Mining Co., 1914 Grant Bldg., Pittsburgh, Pa.	Moffitt, Dilliner, Greene Co., Pa.	236	J. H. Hillman, Jr.
Weirton Coal Co., Main Street, Weirton, W. Va.	Isabelle, Isabelle, Pa.	100	T. E. Millsop.
	National Steel Mine, Florence, Pa.		
Paul H. Weise, 627 Oliver Bldg., Pittsburgh, Pa.	Marie	156	
Welling Coal Co., 809 Pittsburgh Street, Springdale, Pa.			
Westmoreland Mining Co., Campbell Street, Blairsville, Pa.	Graff #1	82	F. H. Coleman.
	Graff #2	83	
	R. D. #3, Blairsville, Pa.		
	Roaring Run, R. D. #2, Apollo, Pa.	193	
	Tunnelton, Tunnelton, Pa.	2325	
	Watson, Mooween, Pa.	238	
Westmoreland Coal Co., 2300 Fidelity-Philadelphia Trust Bldg., Philadelphia 9, Pa.	Adams #1	1	E. B. Leisenring.
	Export	65	
	Hutchinson	95	
	Magee	135	
	McCullough	132	
	Irwin, Pa.		
Whycl Coke Co., 97 East Main Street, Uniontown, Pa.	Donald #3, Gray's Landing, Pa.	3081	Thomas M. Whycl.
	Crawford, Near Shosf, Pa.	43	
Williams Coal Co. (W. J. Stewart), 2333 Freeport Rd., New Kensington, Pa.			
Wynn Coal & Coke Co., Box 125, Fairchance, Pa.	Wynn	251	Thomas P. Ruane.
	Wynn Strip	251	
	Dick Strip	4245	
	Fairchance, Pa.		

Mines in Government possession 15 November 1946—Continued

CMA AREA 1, DISTRICT #3

Mining company and address	Mine name and address	Index No.	Operating manager
Alsted Coal Company, Flemington, W. Va.	Gypsey Mine, Gypsey, W. Va.	2117	A. R. Reppert.
Manuel Alvarez, Box 125, Meadowbrook, W. Va.	Lamberts Run #2, Meadowbrook, W. Va.	375	Manuel Alvarez.
Antolini Coal Co., Harding, W. Va.	Antolini, Harding, W. Va.	507	Rocco Antolini.
B. & C. Coal Co., P. O. Box 233, Kingwood, W. Va.	Wilmoth Mine #1	138	B. C. Cence.
	Wilmoth Mine #2 Kingwood, W. Va.	2200	
Becker County Sand & Gravel Co., Box 2188, Clarksburg, W. Va.	Byron, Clarksburg, W. Va.	2191	M. C. Evans.
Bethlehem Fairmont Coal Co., Flemington, W. Va.	Scott #2, Shinnston, W. Va.	136	A. R. Reppert.
Bethlehem Steel Corp., 701 E. Third Street, Bethlehem, Pa. (Industrial Collieries Corp. a subsidiary) (also in D-1 and D-2).	#41 Barrackville	1368	M. L. Jacobs.
	#43 Carolina, Barrackville, W. Va.	41	
	#21 Richard, Dellslow, W. Va.	1367	
Blackburn Coal Co., 4019 East Avenue, Shinnston, W. Va.	Blackburn #3, Shinnston, W. Va.	1315	Guy A. Hardesty.
Boothsville Coals, Inc., Box 147, Fairmont, W. Va. (2200-B).	Clelland #1, Fairmont, W. Va.	.....	Clark Ott.
Bretz Fuel Co., Box 386, Morgantown, W. Va.	.....	.....	.....
Brock, Inc., Box 638, Morgantown, W. Va.	#4, Cassville, W. Va.	44	F. E. Christopher.
Brown Fuel Co., 46 East Main Street, Uniontown, Pa.	Henshaw, Brownton, W. Va.	77	E. D. Brown.
Canyon Coal & Coke Co., 521 Fayette Title & Trust Bldg., Uniontown, Pa.	.....	.....	.....
Cherry River Coal & Coke Co., 70 Pine Street, New York 5, N. Y. (Operates mine for: Donegan Coal & Coke Co., same address).	Donegan, Near Fenwick, W. Va.	135	J. R. Maust.
Christopher Coal Co., Box 638, Morgantown, W. Va.	#3, Osage, W. Va.	133	F. E. Christopher.
Christopher Mining Co., Box 638, Morgantown, W. Va.	#6, Four States, W. Va.	4	F. E. Christopher.
Christopher Mining Corp., Box 638, Morgantown, W. Va.	#2, Maidsville, W. Va.	127	F. E. Christopher.
Christopher National Coal Co., Box 638, Morgantown, W. Va.	National Mine, Morgantown, W. Va.	2031	F. E. Christopher.
Clare Coal Co., Flemington, W. Va.	Clare Mine, Rosemont, W. Va.	49	A. R. Reppert.
Clark Coal Company, 704 Benoni Avenue, Fairmont, W. Va.	#1	160	John A. Clark, Jr.
	#4	247	
	#7 Everson, W. Va.	1378	
Columbia Coal Co., Flemington, W. Va.	Columbia Mine, Clarksburg, W. Va.	1360	A. R. Reppert.
Consolidation Coal Co. (W. Va.), Fairmont, W. Va. (see Pittsburg Consolidation Coal Co.).	.....	.....	.....
Cornell Coke Co., Morgantown, W. Va.	.....	.....	.....
Cromling & Harrold, Box 328, Fairmont, W. Va.	Cromling & Harrold, Rt. 2, Shinnston, W. Va.	.....	Paul Harrold.
Davis Wilson Coal Co., Box 859, Morgantown, W. Va.	Bunker Mine, Cassville, W. Va.	30	R. M. Davis.
Dawson Coal Company, 1617 Pennsylvania Blvd., Philadelphia, Pa.	Dawson, Hepzibah, W. Va.	46	L. G. Ball.
Rinaldo Di Cenzo, Republic, Pa.	.....	.....	.....
Eastern Gas & Fuel Associates (Koppers Coal Division), Koppers Building, Pittsburgh 19, Pa. (also in D-1, D-2, D-7, and D-8).	Federal #1, Grant Town, W. Va.	55	L. C. Campbell.
	Federal #3, Everettville, W.	56	
Eleanor Coal Co., R. F. D. #2, Flemington, W. Va.	Barbour, Berryburg, W. Va.	412	Harry R. Hall.
Elk Lick Coal Co., 912 First National Bank Bldg., Scranton, Pa.	Gauley #2	60	F. L. Dakin.
	Gauley #3 Richwood, W. Va.	1363	
Ex-Cell Coal Company, 1922 Farm Bank Bldg., Pittsburgh, Pa.	Laura Lee, Robey, W. Va.	89	J. G. Hoffstat.
Fairfax Mining Co., 208 Newton Street, Fairmont, W. Va.	Arthurdale, Reedsville, W. Va.	167	Leslie Larsen.
Fairmont & Baltimore Coal & Coke Company, 33 South Gay Street, Baltimore 2, Md.	Willard, Shinnston, W. Va.	146	A. P. Adams.
	Fairmore, Clarksburg, W. Va.	2001	

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT #3—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Fairpoint Construction Co., 416 E. Market Street, Cadiz, Ohio.	Bridgeport, Bridgeport, W. Va.	446	R. W. Moore.
Fife Coal Company, 721 College Avenue, Morgantown, W. Va.	Gans, 721 College Ave., Morgantown, W. Va.	2189	Mary N. Fife.
Box Coal Co., Box 353, Morgantown, W. Va. (2200-B).	#3 Morgantown, W. Va.		
Frances Fuel Co., Box 96, Monongah, W. Va.	Frances, Frances, W. Va.	57	R. A. Poland.
Gabbert Coal Co., P. O. Box 441, Morgantown, W. Va.			
Gauley Mountain Coal Co., Ansted, W. Va.	Williams River Mine, Ansted, W. Va.	2067	R. H. Morris.
Gibson Coal Co., R. #1, Watson, W. Va. (2200-B).			
Hall Coal Co., 7 Third Street, Morgantown, W. Va.			
Hallett Coal Co., Shinnston, W. Va.	Scott #3, Shinnston, W. Va.	2045	Byford Goessman.
	Adams #1, New Bethlehem, Pa.		Geo. C. Leonard.
John Huggins & Son, R. F. D. #1, Box 177A, Morgantown, W. Va.			
Hunkin-Conkey Construction Co., (Shoffner, Gorden & Hinman), Box 174, Blairsville, Pa.	Shinn's Run #1, P. O. Box 595, Bridgeport, W. Va.	2133	V. F. Robertson.
	Shinn's Run Coal Project, Willard Tipple, Shinnston, W. Va.		R. L. Riggs.
Hutchison Coal Company, Monroe Street, Fairmont, W. Va. (also in D-8).	McCandlish, Meadowbrook, W. Va.	91	Robert A. Ritchie.
Industrial Coal Co., Kingwood, W. Va. (also in D-9).			
Jamison Coal & Coke Co., 116 North Main St., Greensburg, Pa. (also in D-2).	#9, Farmington, W. Va.	80	Ralph E. Jamison.
	#10, Rachel, W. Va.	122	
Johnstown Coal & Coke Co., 204 Payne Bldg., Charleston, W. Va. (also in D-7).	Crichton #4, Nettie, Nicholas Co., W. Va.	2040	W. H. Crichten.
Katherine Coal Mining Co., 1616 Walnut St., Philadelphia, Pa.	Katherine #3	128	Louis Sitnek.
	Katherine #4 Lumberport, W. Va.	45	
Kelly's Creek Colliery Co., Western Reserve Bldg., Cleveland 13, Ohio (Also in D-8).	Maiden Mine, Maidsville, W. Va.	100	Harry T. Ewig.
Kessler Coal Co., Cowen, W. Va.	#1, Cowen, W. Va.	1404	Clyde D. Kessler.
S. C. & G. D. Klink Coal Co., R. F. D. #2, Morgantown, W. Va.	Eleanor, Everettsville, W. Va.	1343	G. D. Klink.
Lockview Coal Co., Lake Lynn, Pa.	Lockview, Hoard, W. Va.	98	E. C. Stentz.
Louise Coal Co., Box 859, Morgantown, W. Va.	Louise, Osage, W. Va.	96	R. M. Davis.
Marra Coal Co., Browntown, W. Va.	Hartley #1	71	Frank Marra.
	Hartley #2 Browntown, W. Va.		
The Maryland Century Coal Co., 718 Real Estate Trust Bldg., Philadelphia, Pa.	Century #1, Century, W. Va.	35	Charles H. Diffenderffer.
Maureen Coal Co., 140 S. 3rd St., Clarksburg, W. Va.	Cliff Mine, Spelter, W. Va.	36	Paul Allen Hornor.
McCartney Coal Co., Box "A," Mona, W. Va.	Mon-Ark #1	1226	E. D. Gall.
	Mon-Ark #2		
	Mon-Ark #3		
	Mon-Ark #4 Mona, W. Va.		
McCoy Brothers, 1st Nat'l Bank Bldg., Connellsville, Pa.			
Michael Coal Co., Haywood, W. Va.			
Miller-Todd Coal Co., Buckhannon, W. Va.	Ella, Adrian, W. Va.	53	Mycoupe Hymes.
Minds Coal Mining Corp., Ramey, Pa.			
Monongahela Rail & River Coal Corp., Peoples Bldg., Fairmont, W. Va.	Emily, Maidsville, W. Va.	54	H. W. Showalter.
Mount Hope Coal Co., Mount Hope, W. Va.	Cherry River, Holcomb, W. Va.	455	T. H. Snyder.
Mountain Fuel Co., Box 28, Latrobe, Pa.	Glen Cambria, Flemington, W. Va.	62	David E. Adams.
Nicholas-Webster Coal Corp., Tioga, W. Va.	Tioga #5, Tioga, W. Va.	290	Gertrude C. Gellatly.
Oliverio Coal Co., Station "C", Box 27, Clarksburg, W. Va. (2200-B).			

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT #3—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Panther Coal Co., Inc., 706 Hartman Bldg., Columbus, Ohio (Also in D-8).	Maryhill #5, Maryhill, W. Va.	2002	W. S. Leckie.
Pardee & Curtin Lumber Co., 521 Goff Bldg., Clarksburg, W. Va.	Bergoo #2	16	G. D. Curtin.
	Bergoo #3	17	
	Bergoo #4	18	
	Bergoo #5	2175	
	Bergoo #6	2176	
	Bergoo, W. Va.		
	Bolair #1, Bolair, W. Va		
	Bolair #2, Bolair, W. Va	682	
	Richter #2 (S), Lost Creek, W. Va.	1296	
Pecks Run Coal Co., Box 905, Buckhannon, W. Va.	Kahe, Pecks Run, W. Va	83	F. E. Williams.
Penn Alpha Coal Co., Box 209, Clarksburg, W. Va.	Alpha, Mt. Clare, W. Va	3	A. R. Hewitt.
R. G. Pier Coal Co., P. O. Box 541, Steubenville, Ohio.	Meadowbrook #1	1269	C. G. Robertson.
	Meadowbrook #2		
	Meadowbrook, W. Va.		
Pittsburgh Consolidation Coal Co., 2000 Koppers Bldg., Pittsburgh 19, Pa. (also in D-1 and D-2). (Now: Consolidation Coal Co. (W. Va.), Fairmont, W. Va.).	Consolidation #25, Clarksburg, W. Va.	37	W. L. Doolittle.
	Consolidation #32, Owings, W. Va.	38	
	Consolidation #38, Fairmont, W. Va.	39	W. L. Doolittle.
	Consolidation #63, Monongah, W. Va.	40	
	Consolidation #68, Jordan, W. Va.	42	
	Consolidation #97, Rivesdale, W. Va.	43	
	Consolidation #9 P. O. Box 197, Enterprise, W. Va.	111	
	Arkwright, P. O. Box 828, Morgantown, W. Va.		
Polino Coal Co., P. O. Box 905, Fairmont, W. Va.			
Preston County Coke Co., Cascade, W. Va.	Cascade	33	A. W. Hawley.
	Hawley #1	72	
	Bull Run	1285	
	Cascade, W. Va.		
W. L. Pursglove Coal Co., Box 246, Clarksburg, W. Va.	Chieftain Tipple	1410	E. E. Criswell.
	Mars Mine		
	Wilsonburg Strip		
	Wilsonburg, W. Va.		
Pursglove Coal Mining Co., Pursglove, W. Va.	#2	120	E. B. Rowe.
	#15	119	
	Pursglove, W. Va.		
Raven Coals, Inc., Beckley, W. Va. (2200-B).			E. S. Pugh.
Regal Coal Co., Flemington, W. Va	Eagle Mine, Hepzibah, W. Va.	51	A. R. Reppert.
Rex Fuel Co., Volga, W. Va	Dayton #1	2087	G. J. Vincent.
	Dayton #2		
	Volga, W. Va.		
Richwood-Sewell Coal Co., 1368 Hanna Bldg. Co., Cleveland, Ohio.	Sewell, P. O. Box "U," Summersville, W. Va.	2086	A. C. Bishop.
River Seam Coal Co., Booth, W. Va	Booth #2, Booth, W. Va	23	Frank Campbell.
Roaring Creek Coal Mining Co., Box 1148, Elkins, W. Va.			
Rodriquez & Son Coal Co., 209 Warley Ave., Clarksburg, W. Va. (2200-B).			
Rosedale Coal Co., Box 676, Morgantown, W. Va.	#1, Maidsville, W. Va	132	T. J. Johnson.
Rose Valley Coal Co., Flemington, W. Va.	Rosemont Mine, Rosemont, W. Va.	133	A. R. Ruppert.
Sewell Coal & Coke Co., U. S. Bank Bldg., Johnstown, Pa.	Royal #4, Curtin, W. Va	2151	Robert P. Reed.
Shinnston Coal Co., Box "P", Shinnston, W. Va.	Hood Mine, Shinnston, W. Va.	161	E. P. Brennan.
Silvester Brothers, Box 903, Elkins, W. Va.	Silvester, Elkins, W. Va		A. M. Silvester.
Simpson Creek Collieries Co., Inc., 124 Wall Street, New York 5, N. Y.	Galloway #2	59	David W. Jones.
	Galloway #3	157	
	Galloway, W. Va.		

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT #3—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
South Union Coal Co., 116 N. Main Street, Greensburg, Pa.	#11, Edna, W. Va.	52	J. C. Jamison.
Steorts & Cofer Coal Co., Mt. Clare, W. Va.	Quinn #3 Ronay #8 Mt. Clare, W. Va.	2057	W. E. Steorts.
Stevens & Sons, R. F. D. #1, Watson, W. Va.	Shinn, Shinnston, W. Va.	425	D. W. Stevens.
Stewart Coal Co., Box 386, Morgantown, W. Va.			
Stoetzer Coal Co., 208 Newton St., Fairmont, W. Va.	Robert Mine, Shinnston, W. Va.	129	John J. B. Stoetzer.
Sunnyhill Mining Co., 3090 W. Liberty Ave., Pittsburgh 16, Pa.	#6 #6B Reedsville, W. Va.	2079 2220	C. H. Snyder.
B. H. Swaney, Inc., 702 Union Bank Bldg., Clarksburg, W. Va. (2200-B). (Contractor For: W. L. Pursglove Coal Co.)	Chieftain, Wilsonburg, W. Va.		B. N. Swaney.
Three Fork Coal Co., Ellamore, W. Va.	Cassity #2 Cassity #3 Cassity #4 Cassity #5 Cassity, W. Va.	34 428 2098	Wm. B. Moore.
Tioga Coal Corp., Tioga, W. Va.	#1 Tioga, W. Va.	173	Thomas T. Rees.
Virginia & Pittsburgh Coal & Coke Co., Box 1307, Fairmont, W. Va.	Kingmont Mine, Kingmont, W. Va. Morgan Mine, Morgan, W. Va.	85 108	R. M. Hite.
Waddell Fuel Co., P. O. Box 335, Philippi, W. Va.	Delmar #1, Flemington, W. Va.	48	John R. Waddell.
Walker Coal Mng. Co., Box 926, Wilkins, W. Va.	Big Sewell #2, Bemis, W. Va.	1272	L. J. Fimm.
Wendel Coal Co., Wendel, W. Va.	#2 #3 #4 Wendel, W. Va.	145	G. Bailey.
West Fork Collieries, Inc., 1116 Morgantown Ave., Fairmont, W. Va.	#4, Rt. 2, Shinnston, W. Va.	465	O. J. Vincent.
West Virginia Coal & Coke Co., 705 Atlas Bank Building, Cincinnati, Ohio (also in D-8).	Norton Mine, Norton, W. Va.	112	Charles Dauance.
Phil Williams Coal Co., P. O. Box 846, Elkins, W. Va.			
Cecil Wilson Coal Co., Box G, Shinnston, W. Va.	Wilson, Flemington, W. Va.	2096	Cecil Wilson.
Wilson & Ingram Construction Co., St. Marys, W. Va. (2200-B).			
Woolridge Coal Mng. Co., Trust Bldg., Clearfield, Pa.	Sewell Chief Mine, Richwood, W. Va.	2010	H. D. Woolridge.
Young Coal Co. (Clayton G. Young), Nutter Fort, W. Va.			

CMA AREA I, DISTRICT #4

A. & A. Coal Company, P. O. Box 216, New Lexington, Ohio.	A. & A. #6 Mine, New Lexington, Ohio.	4153	Glenn A. Akenhead.
Amesville Coal Co., Amesville, Ohio (2200-B).			
Beaber Coal Co., 763 2nd St SE. New Philadelphia, Ohio.	Beaber, R. D. #3, Dover, Ohio.	2018	D. O. Beaber.
Black Arrow Mining Co., 145 N. High Street, Columbus 15, Ohio.			
J. L. Boots Co., 297 S. High St., Columbus, 15, Ohio.	Boots #1, Saltillo, Ohio		Carl Lippets.
Brentwood Coal Co., Inc., Albert Felix, President, 2375 Valera Ave., Pittsburgh 10, Pa. (2200-B).			
Brownfield Coal Co., 79 E. State St., New Lexington, Ohio.	#1, Moxahala, Ohio	3126	C. W. Brownfield.
Brownfield & Kokensparger, West Lafayette, Ohio.			
Buckeye Coal Co., R. F. D. #2, Cambridge, Ohio.			

Mines in Government possession 15 November 1946—Continued

CMA AREA 1, DISTRICT #4—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Buckingham Coal Co., Congo, Ohio	#219, Congo, Ohio	27	Harry K. Park.
Cambria Mining Co., 616 Ohio Bank Building, Toledo, Ohio.	Webb Mine #1, Bellaire, Ohio	152	George M. Jones, Jr.
Carbondale Coal Co., Nelsonville, Ohio.			
Nick Cenci & Son, 1183 Essex Street, Columbus, Ohio.	Cena #1, Shawnee, Ohio	4023	D. F. Cenci.
Centertown Coal Co., Box 208, Barnesville, Ohio.			
Central States Construction Co., P. O. Box 149, Logan, Ohio.	#1	4058	R. N. McGiffert.
	#2	4136	
	Box 149, Logan, Ohio		
Clean Coal Co., R. D. #1, Martins Ferry, Ohio.	Nixon, Martins Ferry, Ohio	2185	P. R. Funari.
Clearfield Bit. Coal Corp., 1606 1st Nat'l Bank Bldg., Pittsburgh, Pa.	Apex Mine, Lansdale, Ohio	7	James F. Hillman.
Commercial Fuel Co., 313 Globe Bldg., Pittsburg, Kansas.			John I. Clemens.
Consolidated Fuel Co., Cadiz, Ohio			
Coonsville Mining Co., P. O. Box 149, Logan, Ohio.	#1, Logan, Ohio	4208	R. N. McGiffert.
Crescent Valley Mining Corp., 1208 Hanna Bldg., Cleveland 15, Ohio.	June #1, Holloway, Ohio	3161	A. C. DeWitt.
Cross Creek Coal Co., 713 Grant Bldg., Pittsburgh, Pa.			
Dodig Coal & Mtg. Co., P. O. Box 135, Steubenville, Ohio.	Dodig #2, R. D. #3, Steubenville, Ohio.	623	M. S. Dodig.
			Oral Daugherty.
Dry Dock Coal Co., Nelsonville, Ohio			
Joe Dudek Coal Mining Co., R. F. D. #1, Box 191-A, St. Clairsville, Ohio.	#2, St. Clairsville, Ohio	4237	Joe Dudek.
Fairview Coal Mining Co., Short Creek, Ohio.	Fairview, Short Creek, Ohio	1902	Anthony D. Zitko.
Florence Coal Co., 570 Union Commerce Bldg., Cleveland, Ohio.	Florence, Piney Fork, Jefferson Co., Ohio.	54	Whitney Warner, Jr.
Garaux Bros. Co., 415 9th St. SW., Canton, Ohio.			
S. A. Gardetto, Inc., 31 Milk Street, Boston, Mass.			
Globe Iron Co., Main & South Sts., Jackson, Ohio.	Globe, Jackson, Ohio	58	Edwin A. Jones.
Gorsuch & Woods Coal Co., Fazeningdale, Ohio.	Dyer #1, Hopedale, Ohio	45	John S. Gorsuch.
Hanna Coal Co., St. Clairsville, Ohio.	Willow Grove #10, Neffs, Ohio.	157	James Hyslop.
	Dun Glen #11, Dun Glen, Ohio.	43	
	Georgetown #12	163	
	Duncanwood	409	
	Adena, Ohio.		
Harrisburg Coal Co., W. Kentucky Ave., Sebring, Ohio.			
Healey Bros. & Co., Flushing, Ohio	Rice Bros. #1, Flushing, Ohio	408	J. R. Healey.
Hendershot & Wimer, Clarendon Hotel, St. Clairsville, Ohio.	Godoway #2 Strip, P. O. Box 177, St. Clairsville, Ohio.	4198	Robert V. Wimer.
Hickory Coal Co., R. F. D. #1, New Philadelphia, Ohio (2300 B).			
Hi Heat Coal Company, 1027 Roosevelt Avenue, Massillon, Ohio.	Camp Creek, Camp Creek, Ohio.	3067	George M. Hill.
Hocking Valley Mining Co., 16 E. Broad Street, Columbus, Ohio.	Eclipse	47	S. Cottingham.
	Lost Run	86	
	Nelsonville, Ohio.		
Imperial Coal Co., Box 323, Adena, Ohio.	Howard, Adena, Ohio	4150	Angelo Franciose.
Indian Run Coal Co., R. F. D. #3, Bellaire, Ohio.	Indian Run #1 Bellaire, Ohio	368	Domenic Santaviera
Island Creek Mining Co., R. D. #1, Toronto, Ohio.			
Jackson Iron & Steel Co., Jackson, Ohio.	#1 Route #2, Jackson, Ohio	72	H. R. Shick.
	Strip Mine, Liberty Twp., Jackson, Ohio.		
Jefferson Coal Co., 1360 Leader Bldg., Cleveland, Ohio.	Piney Fork #1	107	James Hyslop.
	Piney Fork #4	176	
	Piney Fork, Ohio.		
	Crow Hollow #3	3132	
	Crow Hollow #5	4161	
	Crow Hollow #6	4202	
	Smithfield, Ohio.		

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT #4—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Jefferson Company, 1425 Terminal Tower Bldg., Cleveland, Ohio.	Betsy, Smithfield, Ohio	16	H. G. Schmidt.
	Sydney, Fernwood, Ohio	313	
Jones Motor Sales, Inc., Zanesville, Ohio (also known as Muskingum Coal Co.).			
Kenwood Mining Company, 416 E. Market Street, Cadiz, Ohio (2200-B).	Kenwood, Cadiz, Ohio		R. W. Moore.
L. & M. Coal Co., Nelsonville, Ohio (2200-B).	L. & M., Nelsonville, Ohio	4001	L. B. Light.
Lorain Coal & Dock Co., 33 N. High St., Columbus, 15, Ohio.	Blaine, Blaine, Belmont Co., Ohio.	21	S. B. Johnson.
M. C. & S. Coal & Mng. Co., 436 2nd St., N. W., New Philadelphia, Ohio.			
McVey-Rosser Coal Co., 6½ W. Columbia Street, Nelsonville, Ohio.	#1, Nelsonville, Ohio	2053	E. M. McVey.
Midvale Coal Company, Midvale, Ohio.	#7, Midvale, Ohio	455	R. W. Rutledge.
Mine Five Murray Co., Athens, Ohio.			
Menace Coal Mining Co., Lafferty, Ohio.	Virginia Hill	147	Oliver Monace.
	Liberty	4024	
	Junior	4086	
	Lafferty, Ohio.		
Mystic Mines, P. O. Box 68, New Lexington, Ohio (2200-B).			
New York Coal Company, 150 E. Broad Street, Columbus, Ohio.	#52	91	Edwin H. Davis.
	#25	90	
	Nelsonville, Ohio.		
Nole & Steele Coal Co., Fairpoint, Ohio (2200-B).			
Northland Fuel Co., F. W. Hoffman, Gen. Mgr., 44 E. Broad Street, Columbus 5, Ohio.	Giblaw, Shawnee, Ohio	197	F. W. Hoffman.
David Z. Norton Co., 1208 Hanna Bldg., Cleveland, Ohio.	#2, Crescent, Ohio	4081	R. C. Norton.
Patty Coal Mine, Virginia Street, Martins Ferry, Ohio.	Patty, Martins Ferry, Ohio	504	T. E. Ayers.
Port Washington Coal Co., Port Washington, Ohio.	#1, Newcomerstown, Ohio	4166	James L. Ward.
Powhatan Mining Co., 1425 Terminal Tower, Cleveland, Ohio.	#1	111	H. G. Schmidt.
	#2	115	
	Powhatan Point, Ohio.		
	Fulton, Jewitt, Ohio	2936	
Pugh & Tiller, Lancaster, Ohio (2200-B).			
Rail & River Coal Co., 804 First Nat'l. Bank Bldg., Bellaire, Ohio.	#3	114	John T. Sydnor.
	#6	116	
	Bellaire, Ohio.		
Rayland Coal Co., 215 E. Main Street, St. Clairsville, Ohio.	#3, Georgetown, Hamsen Co., Ohio.	4158	D. M. Ryan.
Rend-Mar Coal Co., P. O. Box 415, Corning, Ohio.	#9, Corning, Ohio	138	Vincent M. Casey.
	#15, Hemlock, Ohio	64	
	Black Diamond, Lathrop, Ohio.	4124	
	#10, Carrington, Ohio	4174	
	Buchtel, Buchtel, Ohio		
Rose Hill Coal Co., 17 South High Street, Huntington Bank Bldg., Columbus, Ohio.	Rose Glow	185	J. S. McVey.
	Black Arrow	4094	
	Roseville, Ohio.		
Rush Run Coal Co., P. O. Box 13, Bellaire, Ohio.	Nardo, Schick Siding, Bellaire, Ohio.	4146	Bernard F. Pim.
Scott Coal Co., 813 N. Dawson St., Uhrichsville, Ohio.			
Sebring Coal Co., West Kentucky Ave., Sebring, Ohio.			James Palermo.
Seneca Coal Co., 106 N. Main St., Akron, Ohio.	Rigby, Senecaville, Guernsey Co., Ohio.	121	J. H. Miles.
Sherrick Coal Co. (W. F. Sherrick, Jr.), R. F. D. #2, New Lexington, Ohio.	Sherrick #2, McCluney, Ohio	420	W. F. Sherrick, Jr.
Sidwell Brothers, Deavertown, Ohio.	Sidwell, Shawnee, Ohio	3160	T. K. Sidwell.
Starr-Jackson Mining Co., 17 South High Street, Brunson Bldg., Columbus, Ohio.	Starr Mine, New Plymouth, Ohio.	130	J. S. McVey.
Steubenville Coal & Mng. Co., P. O. Box 511, 122 Liberty Street, Steubenville, Ohio.	High Shaft, Steubenville, Ohio.	65	John J. Sherrard.
Steubenville Deep Shaft Coal Co., Box 329, Steubenville, Ohio.			

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT #4—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Stillwater Clay Products Co., 3334 Prospect Ave., Cleveland, Ohio.	Stillwater, Mill Twp., Tuscarawas Co., Ohio.	1881	J. V. Duffy.
Tasa Coal Co., First National Bank Bldg., Zelienople, Pa.	Goff		H. B. Salkeld.
	Tasa #7	2062	
	Millie #1	2100	
	Millie #2	2184	
	Harrison Co., Lost Creek, Ohio.		
	Freemont, R. #2, Cadiz, Ohio	122	
	Cain #3, Grafton, W. Va	2141	
Ten X Coal Co., Route #2, Roseville, Ohio.	#2, Roseville, Ohio	2439	Walter V. Beisser.
Teramana Bros. Coal Co., 236 Sixth Street, Steubenville, Ohio.			Dan Teramana.
J. G. Thoma Coal Co., Route #3, Minerva, Ohio.	Thoma, Minerva, Ohio	1355	Jacob G. Thoma.
Thorn Hill Coal Co., 167 Fort Street, Nelsonville, Ohio.	Thorn Hill, McCuneville, Ohio.	146	Thomas F. Riley.
Tunnel Mill Mining Co., Route #1, Bergholz, Ohio.			
Universal Sewer Pipe Corp., 1300 Union Commerce Bldg., Cleveland 14, Ohio.	Universal, Chrichsville, Ohio	3135	S. O. McFall.
Paul Varga & Sons, 1385 Norton Rd., Columbus 8, Ohio (230-B).	Fairpoint, Fairpoint, Ohio		William Varga.
Wainwright Coal Co., Wainwright, Ohio.			
Warner Collieries, 570 Union Commerce Bldg., Cleveland, Ohio (also in D-8).	Wolf Run, Wolf Run, Jefferson Co., Ohio.	158	E. L. Thrower.
	Camel Run, Fairpoint, Belmont Co., Ohio.	30	
Wheeling Township Coal Mng. Co., 1144 E. Market Street, Akron 16, Ohio.	#2, Akron, Ohio	154	C. S. Cisser.
Wilhelm Coal Co., 153 Park Drive, St. Clairsville, Ohio.	Fairpoint, Fairpoint, Ohio	4250	R. L. Wilhelm.
F. H. Wolfe Coal Co., Inc., R. F. D. #3, Nelsonville, Ohio.			
Yost Mines, P. O. Box 28, Logan, Ohio	#2, Haydenville, Ohio	4200	Ralph Yost.
Youghiogheny & Ohio Coal Co., 330 Hanna Bldg., Cleveland, Ohio (also in D-8).	Nelms, Cadiz, Ohio	99	W. M. Osborne.
	Dorothy, Glen Robbins, Ohio.	42	
	Florence, Martins Ferry, Ohio.	55	
	Barton, Barton, Ohio	10	
Youngstown Sheet & Tube Co., 1209 Stambaugh Bldg., Youngstown 1, Ohio.	Elk Run Strip Mine, Lisbon, Ohio.	1448	S. L. Mautho.

CMA AREA I, DISTRICT #6

Boggs Run Mining Co., Route #2, Wheeling, W. Va.	Boggs, Wheeling, W. Va	6	Dragan Duranovich.
Buday Coal Co., Wellsburg, W. Va	Walnut Grove, McKinleyville, W. Va.	108	Matt Buday.
Castle Shannon Coal Corp., Wabash Bldg., Pittsburgh, Pa. (also in D-1 and D-2).	Rockdale #4, Follansbee, W. Va.	6004	J. C. Forrest, Jr.
Clean Coal Co., Edgington Lane, Wheeling, W. Va.	Storch, Wheeling, W. Va	11	M. F. Bennett.
Costanzo Coal Mining Co., P. O. Box 310, Wheeling, W. Va.	Richland	19	Frank Costanzo.
	Costanzo, Wheeling, W. Va	8	
	Denvenny #2, Beech Bottom, W. Va.	31	
Glendale Gas Coal Co., 100 Western Reserve Bldg., Cleveland 13, Ohio.	Alexander, Moundsville, W. Va.	1	Gordon Wilcox.
Hitchman Coal & Coke Co., Marshall Street, Benwood, W. Va.	Hitchman, Benwood, W. Va	14	Louis J. Yaeger.
Lombardi Bros. Coal Co., 352 Main Street, Follansbee, W. Va.	Standard #1, Bethany Pike, W. Va.	208	John Lombardi.
Ollett Coal Co., Box 311, Bridgeville, Pa.			
P. V. & K. Coal Co., Main Street, Monongahela, Pa. (also in D-8).	Bethany Mine, Bethany, W. Va.	5	Robert H. Robinson.

Mines in Government possession 15 November 1946—Continued

CMA AREA I, DISTRICT 6—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Valley Camp Coal Co., Western Reserve Bldg., Cleveland, Ohio.	#1, Elm Grove, W. Va #3, Valley Camp, W. Va #5, Elm Grove, W. Va	18 9	Harry T. Ewig.
West Virginia Pittsburgh Coal Co., 1020 Guardian Bldg., Cleveland 14, Ohio.	Locust Grove, Collier, W. Va	15	A. W. Dean.
Wheeling Steel Corp., 1134 Market Street, Wheeling, W. Va.	Beech Bottom, Beech Bottom, W. Va.	3	G. W. Hewitt.
Windsor Power House Coal Co., 14 Wood Street, Pittsburgh 30, Pa.	Beech Bottom, Windsor Heights, W. Va.	4	A. N. Cartwright.

CMA AREA II, DISTRICT 2

Alaska Coal Co., Laurel Creek, W. Va.	Alaska Mine, Beelick Knob, W. Va.	1000	Owen W. Cox.
Algoma Coal & Coke Co., Algoma, W. Va.	Algoma, Algoma, W. Va.	2	Wm. Beury.
American Coal Co., of Allegany County, McComas, W. Va.			John J. Atwater.
Ames Mining Co., Box 831, Charleston, W. Va. (also in D-8).	Ames, Fayette, W. Va.	728	D. H. Morton.
Arrow Builders Inc., Quinwood, W. Va.			
Ashland Coal & Coke Co., 708 Perry Building, Bluefield, W. Va.	Ashland #6 & #9, Ashland, W. Va.	9	W. W. Walker.
Atlantic Smokeless Coal Co., Asco, West Virginia.	Asco #1, Asco, W. Va Asco #2, Asco, W. Va	8 220	G. W. Yaeger.
Babcock Coal & Coke Co., 906 Frick Bldg., Pittsburgh, Pa.	Babcock #7, Clifftop, W. Va	12	John K. Saxmon, Jr.
Beech Knob Coal Co., Clearco, W. Va.	Beech Knob, Clearco, W. Va	717	E. L. Roder.
Bellemead Coal Co., Sabine, West Virginia.			
Carlo Bianchi & Co., Inc., 24 Union Ave., Framingham, Mass.	Bianchi #2, Helen, W. Va	1077 3019	Peter M. Bianchi.
Big Eagle Coal Co. Inc., P. O. Box 1069, Beckley, W. Va.	Big Eagle, Mayne, W. Va	1031	George O. Mills.
Bill Branch Coal Co., Mullens, W. Va.	Bill Branch, Mullens, W. Va	1068	R. D. Platt.
Black Eagle Smokeless Coal Co., Box 368, Mullens, W. Va.			
Brackens Creek Fuel Co., Lookout, W. Va.			
Branch Coal & Coke Co., Laurel Creek, W. Va.	Elverton, Elverton, W. Va.	29	Owen W. Cox.
Brule Smokeless Coal Co., 1208 Hanna Bldg., Cleveland 15, Ohio.	#2 Otsego, W. Va #3, Otsego, W. Va	32 1048	Crispin Ogiebay.
Buckeye Coal & Coke Co., Stephenson, W. Va.	Buckeye #2, Freeman, W. Va Buckeye #3, Stephenson, W. Va.	34 35	Walter G. Stephenson.
Carter Coal Co., 630 Fifth Ave., New York 20, N. Y. (2300½)	Olga #1, Coalwood, W. Va Olga #2, Caretta, W. Va Caretta, Caretta, W. Va	133 134 37	James Walter Carter.
Charleston Coal Company, 505 United Carbon Bldg., Charleston 1, W. Va.	Cleve, Cleve, W. Va.	335	H. P. Rhinehart.
Clear Creek Coal Co., Clearco, W. Va.	Brooke Mine, Clearco, W. Va.	30	Gory Hogg.
Coney Island Coal Co., No. 2, Welch, W. Va.	Coney Island Coal Co., #2, Welch, W. Va.	726	J. N. Holly.
Crozer Coal & Coke Co., 1510 Chestnut St., Philadelphia, Pa.	Crozer, Elkhorn, W. Va	49	Edward C. Page.
Crozer Land Association, 1510 Chestnut St., Philadelphia, Pa.	Charmco #2 Rainelle, W. Va	271	Edward C. Page.
Crystal Coal & Coke Co., Branwell, W. Va.	Crystal Coal & Coke Co., Crystal, W. Va.	50	John J. Fox.
Darr Smokeless Coal Co., Asco, W. Va.	Twin Branch, Twin Branch, W. Va. Asco #3, Twin Branch, W. Va.	1047 237	R. E. Brockman.
Deepwater Coal Co., Crown Hill, W. Va.	Deepwater #1, Crown Hill, W. Va.	295	E. L. Michie.
Douglas Pocahontas Coal Co., Iaeger, W. Va.			

Mines in Government possession 15 November 1946—Continued

CMA AREA II, DISTRICT 27—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Eastern Gas & Fuel Associates (Koppers Coal Div.), Koppers Bldg., Pittsburgh 19, Pa. (also in D-1, D-2, D-6 and D-8)	Powellton #8, Powellton, W. Va.	1082	L. C. Campbell.
	Powellton #2 Gas, Powellton, W. Va.		
	Beards Fork #2 Gas, Beards Fork, W. Va.		
	Beards Fork Little Eagle, Beards Fork, W. Va.		
	Midvale, Gamcon, W. Va.		
	Carswell, Kimball, W. Va.	38	
	Keystone, Keystone, W. Va.	93	
	Maitland, Maitland, W. Va.	114	
	Helen #9, Helen, W. Va.	79	
	Long Branch, Long Branch, W. Va.		
	Stotesbury #8, Stotesbury, W. Va.	178	
	Stotesbury #11, Helen, W. Va.	238	
	Eccles #5, Eccles, W. Va.	62	
	Eccles #6, Eccles, W. Va.	63	
Edmor Coal Co., Welch, W. Va.	Edmor Coal Co., Northfork, W. Va.	324	T. W. Edwards.
Edmor Pocahontas Coal Co., Welch, W. Va.	Edmor Pocahontas Coal Co., Freeman, W. Va.	1054	T. W. Edwards.
Fire Creek Fuel Co., Box 9, Beckley, W. Va.	Hunter #2, Jonben, W. Va.	84	Hunter Smith.
Gaston Coal Co., Alpoca, W. Va.			S. Austin Caperton.
Graney Mountain Coal Co., Anstead, W. Va.	Anstead Mine, Anstead, W. Va.	5	R. H. Morris.
	Rich Creek #1, Anstead, W. Va.	337	
	Rich Creek #3, Anstead, W. Va.	338	
Gilliam Coal & Coke Co., Gilliam, W. Va.	Gilliam Coal & Coke Co., Gilliam, W. Va.		H. A. Hentborn.
Greenbrier Smokeless Coal Co., Cinderella, W. Va.	Laurel Creek, Charmco, W. Va.	218	C. A. Hamil.
Greenwood Coal Co., Laurel Creek, W. Va.	Greenwood, Lawton, W. Va.	76	L. Lawton.
Gulf Mining Co., Mount Hope, W. Va.	Crab Orchard, Crab Orchard, W. Va.	44	P. V. Graney.
Gulf Smokeless Coal Co., Tams, W. Va.	Tams #1, Tams, W. Va.	181	W. P. Tams.
	Tams #2, Tams, W. Va.	245	
	Wyco #2&1½, Wyco, W. Va.	4	
Hays Baker Coal Co., 308 Summers Street, Beckley, W. Va.			
Hazel Coal Co., Laurel Creek, W. Va.	Fayette, Fayette, W. Va.	230	Owen W. Cox.
Heven Pocahontas Coal Co., Iaeger, W. Va.	Iaeger Pocahontas Coal Co., Iaeger, W. Va.	267	William Severt.
Imperial Smokeless Coal Co., Box 192, Welch, W. Va.	Imperial #1, Quinwood, W. Va.		J. W. Strickler.
	Imperial #2, Quinwood, W. Va.	322	
Indian Pocahontas Coal Co., Iaeger, W. Va.	Indian Pocahontas Coal Co., Iaeger, W. Va.	328	J. B. Crozier.
Jacobs Fork Pocahontas Coal Co., Welch, W. Va.	Jacobs Fork, Squire, W. Va.	89	J. W. Strickler.
Jean Pocahontas Coal Co., Box 233, Bluefield, W. Va.	Jean, Warriormine, W. Va.	64	W. T. Williams, Jr.
Jewell Ridge Coal Corp., Tazewell, Va.	Pioneer, Warriormine, W. Va.	78	
	Jewell Ridge #1, Jewell Ridge, Va.	80	J. P. Horne.
	Jewell Valley #2, Jewell Valley, Va.	91	
Johnston Coal & Coke Co., 204-5 Payne Bldg., Charleston, W. Va. (also in D-3)	Crichton #1, Chrichton, W. Va.	47	Andrew P. Crichton.
Kingston Pocahontas Coal Co., Inc., 40 Rector St., New York, N. Y. (also in D-8)	Crichton #2, Bellburn, W. Va.	48	
	Exeter, Hemphill, W. Va.	68	A. E. Scherm.
	Warwick, Hemphill, W. Va.	200	
Lake Superior Coal Co., Cannelton, W. Va.	#3, Superior, W. Va.	95	F. O. Harris.
	#4, Superior, W. Va.	96	
Lamar Colliery Co., Commercial Bank Bldg., Bluefield, W. Va.	Lamar, Lamar, W. Va.	97	E. E. Jones.
Lanark Coals, Inc., Box 152, Mt. Hope, W. Va.			B. A. Lantzy.

Mines in Government possession 15 November 1946—Continued

CMA AREA II, DISTRICT #7—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Laurel Creek Coal Co., Laurel Creek, W. Va.	Laurel, Laurel Creek, W. Va	99	Owen W. Cox.
Laurel Smokeless Coal Co., Laurel Creek, W. Va.	Hemlock, Kathryn, W. Va	80	Owen W. Cox.
Leecony Smokeless Coal Co., Besoco, W. Va.	Besoco, Besoco, W. Va	21	H. E. Moran.
Leckie Fire Creek Coal Co., 79 East State St., Columbus, Ohio.	Fireco #2, Fireco, W. Va		W. S. Leckie.
	Fireco #4, Fireco, W. Va		
Leckie Smokeless Coal Co., 79 East State Street, Columbus, Ohio.	Anjean #1, Anjean, W. Va	4	W. S. Leckie.
	Anjean #3, Anjean, W. Va	1010	
Lillybrook Coal Co., Beckley, W. Va.	#3, Lillybrook, W. Va	103	J. W. Allstock.
	Killarney, Killarney, W. Va	94	
	Affinity, Affinity, W. Va	139	
	Big Stick, McAlpin, W. Va	22	
	Big Stick #2, Abney, W. Va	1052	
Low Ash Mining Co., Inc., Rainelle, W. Va.	Green Siding, Rainelle, W. Va.	75	C. S. Thomas.
MacAlpin Coal Co., 1409 K. V. Bldg., Charleston, W. Va.	MacAlpin #2, MacAlpin, W. Va.	112	D. W. Martin.
Margarette Coal Corp., 31 St. James Avenue, Boston, Mass.	Margarette Coal Corp., Marfrance, W. Va.	115	W. E. Sellards.
Marianna Smokeless Coal Co., Guaranty Bank Building, Huntington, W. Va.	Marianna #1, Marianna, W. Va.	266	W. A. Haslam.
	Marianna #2, Marianna, W. Va.	223	
Mary Frances Coal Co., Ingram Branch, W. Va.			
Maryland Fire Creek Coal Co., 718 Real Estate Trust Bldg., Philadelphia 7, Pa.	Dunedin, Terry, W. Va	59	J. W. Garvey.
Maryland New River Coal Co. 718 Real Estate Trust Bldg., Philadelphia, Pa.	Dubree #1, Rothwell, W. Va	55	J. W. Garvey.
	Dubree #2, Rothwell, W. Va	56	
	Dubree #3, Boone, W. Va	57	
	Dubree #4, Nuttall, W. Va	58	
	Dubree #5, Lynch, W. Va	184	
	Dubree #7, Rothwell, W. Va	1015	
C. H. Mead Coal Co., 1423 Terminal Tower, Cleveland, Ohio.	#2, East Gulf, W. Va	117	H. G. Schmidt.
	#3, East Gulf, W. Va	118	
	#6, East Gulf, W. Va	240	
E. W. Meadows Coal Co., 315 Burgess Street, Beckley, W. Va.	Meadows, Fireco, W. Va	320	E. W. Meadows.
Mill Creek Coal & Coke Co., Coopers, W. Va.			John J. Atwater.
Mill Creek Colliery Co., Ansted, W. Va.			A. R. Russell.
Minter, E. C. Coal Co., Beckley, W. Va.	Minter #126, Rhodell, W. Va		E. C. Minter.
	Amigo #1, Amigo, W. Va		
Mullens Smokeless Coal Co., Mullens, W. Va.	Mullens, Mullens, W. Va	210	H. N. Meade.
New River Company, Mount Hope, W. Va.	Lochgelly, Mount Hope, W. Va.	105	J. M. McCauley.
	Summerlee, Mount Hope, W. Va.	179	
	Oakwood, Mount Hope, W. Va.	132	
	Whipple, Mount Hope, W. Va.	202	
	Collins, Mount Hope, W. Va	1002	
	Garden Ground, Mount Hope, W. Va.	1060	
	Oswald, Mount Hope, W. Va.	135	
	Cranberry, Mount Hope, W. Va.	45	
	Skelton, Mount Hope, W. Va.	165	
	Sprague, Mount Hope, W. Va.	170	
	Stanford, Mount Hope, W. Va.	172	
New River Smokeless Coal Co., Oak Hill, W. Va.	New River Smokeless Coal Co., Oak Hill, W. Va.		W. P. Anderson.

Mines in Government possession 15 November 1946—Continued

CMA AREA II, DISTRICT #7—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
New River & Pocahontas Consolidated Coal Co., 1130 Commercial Trust Bldg., Philadelphia 2, Pa.	Berwind #1, Berwind, W. Va	17	Charles E. Dunlap.
	Berwind #5, Berwind, W. Va	18	
	Berwind #9, Havaco, W. Va	19	
	Berwind #11, Caples, W. Va	20	
	Minden #3, Minden, W. Va		
	Minden #4, Minden, W. Va		
	Layland, Layland, W. Va	100	
	Leslie, Leslie, W. Va	101	
	Kaymoore, Kaymoor, W. Va	92	
North Pole Coal Co., P. O. Box 242, Arlington, Va.	North Pole Coal Co., Asco, W. Va.	540	O. W. Yeager.
Page Coal & Coke Co., 1510 Chestnut Street, Philadelphia, Pa.	Page, Pageton, W. Va	136	L. Rodman Page.
Page Mining Co., 3412 Carew Tower, Cincinnati, Ohio.			
Pando Coal Co., Box 134, Welch, W. Va.	Pando #7, Welch, W. Va	1001	W. B. Swope.
Peabody Coal Co., 231 S. La Salle St., Chicago 4, Ill. (also in D-10).	#71, Bellwood, W. Va	16	S. Peabody, Jr.
Peerless Coal & Coke Co., Vivian, W. Va.	Peerless #3, Vivian, W. Va	137	Roland C. Luther.
	Peerless #4, Vivian, W. Va	248	
Perry Coal Co., Box 1403, Mullens, W. Va.			
Pocahontas Corporation, Room 1010, #1 Broadway, New York, N. Y.	Bottom Creek, Vivian, W. Va.	27	O. L. Alexander.
	Pocahontas #31, Amonate, Va.	144	
	Pocahontas #32, Amonate, Va.	145	
	Pocahontas #33, Bishop, Va.	146	
Pocahontas Fuel Co., Inc., Room 1010 #1 Broadway, New York, N. Y.	Norfolk Angle, Elkhorn, W. Va.	130	O. L. Alexander.
	Boissevain, Boissevain, Va	26	
	Pocahontas #7, Jenkinjones, W. Va.	143	
	Pocahontas #8, Pageton, W. Va.	309	
	Pocahontas, Pocahontas, Va.	142	
	Rolfe, Crumpler (Worth), W. Va.	160	
	Sagamore, McComas, W. Va.	162	
Pond Creek Pocahontas Co., Guaranty Bank Bldg., Bartley, W. Va.	Pond Creek #2, Bartley, W. Va.	147	C. E. Walker.
	Pond Creek #3, Bartley, W. Va.	148	
	Pond Creek #4, Bartley, W. Va.	149	
Premier Pocahontas Collieries Co., 800 Perry Bldg., Bluefield, W. Va.			L. C. Tierney.
Raine Lumber & Coal Co., Duo, W. Va.	Duo, Duo, W. Va	61	J. W. Raine.
Raleigh Coal & Coke Co., Raleigh, W. Va.			R. J. Burnmeister.
Raleigh-Wyoming Mining Co., 230 South Clark St., Chicago, Ill. (also in D-8).	Glen Rogers, Glen Rogers, W. Va.		D. W. Buchanan.
Red Jacket Coal Corp., Red Jacket, W. Va. (also in D-8).	Wyoming, Wyoming, W. Va.	208	Paul P. Ritter.
Rupert Smokeless Coal Co., Rupert, W. Va.			
Scotia Coal & Coke Co., Slab Fork, W. Va.			S. Austin Caperton
Shockley Creek Coal Co., Raleigh County Bank Bldg., Beckley, W. Va.	Semoco, Eccles, W. Va.	164	E. C. Minter.
George H. Siems & Co., Mt. Hope, W. Va.			
Slab Fork Coal Co., Slab Fork, W. Va.			S. Austin Caperton.
Southern Coal Corp., Box 448, Bluefield, W. Va.	Bradshaw Mine, Bradshaw, W. Va.	28	J. I. Clingenpeel.
South Side Company, Caperton, W. Va.			S. Austin Caperton.
Spice Pocahontas Coal Co., Box 350, Welch, W. Va.	Keesee, Welch, W. Va.		F. G. Keesee.
Standard Fire Creek Coal Co., Box 9, Beckley, W. Va.	Beelick Knob 217, Beelick Knob, W. Va.	217	Hunter Smith.
Standard Ore & Alloys Corp., 120 Wall Street, New York, N. Y.	Clearco, Clearco, W. Va.	1083	K. M. Quigley.
Sterling Smokeless Coal Co., Mount Hope, W. Va.	Sterling, Whitby, W. Va.	173	F. H. Snyder.

Mines in Government possession 15 November 1946—Continued

CMA AREA II, DISTRICT #7—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Turkey Gap Coal & Coke Co., Dott, W. Va.	Wenonah-Modoc Mines, Dott, W. Va.	201	J. A. McQuail.
United Pocahontas Coal Co., Crumpler, W. Va.			J. Kirl Renner.
U. S. Coal & Coke Co., 1315 Frick Bldg., Pittsburgh 30, Pa. (also in D-8 and D-10).	#2 Gary, Alpheus, W. Va.	186	Harry M. Moses.
	#3 Gary, Gary, W. Va.	187	
	#6 Gary, Ream, W. Va.	190	
	#7 Gary, Elbert, W. Va.	191	
	#9 Gary, Filbert, W. Va.	193	
	#10 Gary, Venus, W. Va.	194	
	#12 Gary, Anawalt, W. Va.	195	
	#13 Gary, Moses, W. Va.	319	
	#4 Gary		
	#5 Gary		
	#8 Gary		
	#11 Gary		
Vera Pocahontas Coal Co., 601 First National Bank Bldg., Welch, W. Va.	Vera #3, Landgraff, W. Va.	211	J. W. Strickler.
Virginia B. Coal Co., Bramwell, W. Va.	Virginia B. Coal Co., McComas, W. Va.	1054	W. Beury.
West Gulf Coal Co., Mt. Hope, W. Va.	Marylane, Maben, W. Va.	1025	P. M. Snyder, Jr.
Weyanoke Coal & Coke Co., 226 S. Ludlow Street, Dayton, Ohio.	Arista, Arista, W. Va.	6	J. S. Stras.
Wilcox Coal Co., P. O. Box 17, Daniels, W. Va.			A. B. Wilcox.
Winding Gulf Collieries, Commercial Bank Bldg., Bluefield, W. Va.	Winding Gulf #1, Winding Gulf, W. Va.	205	E. E. Jones.
	Winding Gulf #2, Winding Gulf, W. Va.	206	
	Winding Gulf #4, East Gulf, W. Va.		
	Louisville, Goodwill, W. Va.		
Wyoming Coal Co., Tams, W. Va.			W. P. Cams.

CMA AREA II, DISTRICT #8

Adams & Miller Coal Co., Mayking, Ky.			
Ajax Coal Co., Bulan, Ky., Hazard, Ky.			George P. Fitz.
Algoma Block Coal Co., Lothair, Ky.	Algoma Block Coal Co., Lothair, Ky.	7	W. E. Prichard.
Alma By-Product Coal Co., McCarr, Ky.	Allburn T-24, McCarr, Ky.	4106	J. M. Nowlin.
America Coal Co., Zebulon, Ky.			
American Eagle Colliery, 231 South LaSalle Street, Chicago 4, Ill.	#70, Gneagle, W. Va.	3672	S. Peabody, Jr.
American Rolling Mill Co., Montcoal, W. Va.	#1, Montcoal, W. Va.	341	Charles R. Rock.
	#2, Stickney, W. Va.	342	
	#3, Nellis, W. Va.	346	
	#4 Montcoal, W. Va.	343	
	#5, Montcoal, W. Va.	7000	
	#6, Montcoal, W. Va.	7327	
Ames Mining Company, Box 831, Charleston, W. Va. (Also D-7).	Mingo, Thacker, W. Va.	334	D. H. Martan.
Amherst Coal Co., 1719 Kanawha Valley Bldg., Charleston 22, W. Va.	Amherst Coal Co., Lundale, W. Va.	302	H. E. Jones.
	Amherst Coal Co., Eagle, W. Va.	305	
	Amherst Coal Co., Slagle, W. Va.	607	
	Amherst Coal Co., Yolyn, W. Va.	303	
	#1 A, Amherstdale, W. Va.	16	
	#1 B, Amherstdale, W. Va.	15	
	#1 C, Amherstdale, W. Va.	7080	
	#3 A, Accoville, W. Va.	5271	
	#3 B, Accoville, W. Va.	17	
	#3 C, Accoville, W. Va.	7314	
Anchor Coal Co., 1148 Terminal Tower, Cleveland, Ohio.			Frank L. Hornickel.
Atlas Coal Co., 308 Comer Bldg., Birmingham, Ala.	Atlas Mine, Capito, Bell County, Kentucky.	85	C. S. Blair.

Mines in Government possession 15 November 1946—Continued

CMA AREA II, DISTRICT 28—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Ball Creek Coal Co., Inc., P. O. 191, Sunbury, Penna.	Ball Creek Coal Co., Inc., Ary, Ky.	7008	C. W. Degon.
Banner Fuel Corp., Cranes Nest, Va.	Cranes Nest Mine, Cranes Nest, Va.	140	E. P. Litton. Kanes Bowling.
Bardo Coal Mining Co., Burwell Bldg., Knoxville, Tenn.			
Bartley & Childers' Coal Co., Big Branch, Ky.	Bartley & Childers Heller, Ky.	3977	Brice Childers.
Bartley Coal Co., Praise, Ky.			
Bartlick Mining Corp., Box 629, Kingsport, Tenn.	Lonesome Branch, Bartlick, Va.	297	E. O'Toole, Jr.
Bates & Wright Coal Co., Whitesburg, Ky.			
Beaver Coal & Mining Co., 2005 Toledo Trust Bldg., 245 Summit Street, Toledo, Ohio.	Beaver Mine, Drift, Floyd County, Kentucky.	35	A. B. Miller.
Belfry Coal Co., Belfry, Ky.			
Bell Coal Co., Relia, Ky.			B. W. Whitfield. Guy Darst.
Benedict Coal Corp., Hamilton Nat. Bank Bldg., Knoxville, Tenn.			
Bessemer Coal, Iron & Land Co., 1st Nat'l Bank Bldg., Birmingham, Ala.	Wind Rock, Wind Rock, Tenn.	487	W. C. Hutchison.
Big Creek Coal Co., Box 487, Logan, W. Va.			W. E. Steele.
Big Jim Coal Co., Blanche, Ky.			Peyton Guthrie.
Big Sandy Elkhorn Collieries, General Delivery, Pikeville, Ky.	K & M Mine, Shelby, Ky.	4156	T. R. Marcum.
Birchton Coal Co., P. O. Box 2746, Huntington 19, W. Va.	Birchton #1 Mine, Birchton, Raleigh County, W. Va.	46	Frank Enslow. Charles C. Dickinson.
Black Band Coal Co., Kanawha Valley Building, Charleston, W. Va.			
Black Creek Coal Co., Blackwood, Va.	Strip Mine, Blackwood, Va.	7484	O. W. Trinkle.
Black Diamond Coal Mining Co., 308 Comer Bldg., Birmingham 3, Ala.	Marion Mine, Marion, Claiborne County, Tenn.	317	C. S. Blair.
Black Gold Mining Co., P. O. Box 509, Hazard, Ky.	Black Gold, Lothair, Ky.	48	James B. Marcum.
Black Mountain Corp., 231 S. LaSalle St., Chicago, Ill.	#30 Kenvir, Ky.	49	Stuyvesant Peabody, Jr.
Black Star Coal Corp., 303 Speed Building, Louisville, Ky.	#31, Kenvir, Ky.	50	
	Black Star Mine, Alva, Harlan County, Kentucky.	51	W. S. Speed.
	Dixie Star Mine, Wilfred, Harlan County, Kentucky.	170	
Blackwood Fuel Co., Blackwood, Va.	Pardee, Pardee, Va.	564	B. W. Whitfield, Jr.
	Calvin, Calvin, Va.	80	
Blair City Coal Co., Pikeville, Ky.	Pointsettia Block, Tenn.	500	W. O. Polk.
Block Coal & Coke Corp., 804 Hamilton Bank Bldg., Knoxville, Tenn.			Jno E. Campbell.
Blondell Coal Co., Tribbey, Ky.			James B. Marcum.
Blue Bird Mining Co., P. O. Box 509, Hazard, Ky.	Blue Bird, Anco, Ky.	4	
Blue Creek Coal Co., Box 769, Charleston, W. Va.	Blue Creek Coal Co., 411 Davidson Bldg., Charleston, W. Va.	7107	M. W. Griffith.
Blue Diamond Coal Co., P. O. Box 80, Knoxville, Tenn.	Blue Diamond, Blue Diamond, Ky.	54	Alexander Bonneyman.
	Leatherwood, Slemp, Ky.	7300	
	Crown, Cheyrolet, Ky.	143	
	Path Fork, Path Fork, Ky.	7274	
	Eagan, Eagan, Tenn.	180	
	Westbourne, Westbourne, Tenn.	485	
	Fork Ridge, Fork Ridge, Tenn.	205	
	Royal Blue, Royal Blue, Tenn.		
	Mayflower, Bonny Blue, Va.	323	
	Imperial Leora Mines, Va.	251	
	Monarch, Leora Mines, Va.	339	
	Toms Creek, Toms Creek, Va.	421	
Bluebead Coal Co., Praise, Ky. (Taken over by A. J. Dalton.)			
Boone County Coal Corp., Sharples, W. Va.	Boone #2, Sharples, W. Va.	65	W. J. Clothier.

Mines in Government possession 17 November 1946—Continued

UMWA AREA II, DISTRICT 28—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Borderland Colleries Co., 79 E. State Street, Columbus, Ohio.	Borderland Thacker, Borderland, W. Va.	831	W. S. Leckie.
Bower Coal Co., Inc., Iaeger, W. Va.			
Brimstone Coal Corp., Red Jacket, W. Va.	Brimstone, New River, Tenn	7283	J. W. Damron.
Buchanan Coal Co., Hazard, Ky.			
Buchanan County Coal Corp., P. O. Box 192, Welch, W. Va.	Buchanan #1, Big Rock, Va Buchanan #2, Big Rock, Va	71 72	J. W. Strickler.
Buffalo Chilton Coal Co., Amberstdale, W. Va.	Mine #1, Kistler, W. Va	76	John A. Kelly.
Buffalo Coal Co., Iaeger, W. Va. (2200-B).			
Buffalo Eagle Mines, Inc., Braeholm, W. Va.	Riley #1, Braeholm, W. Va Riley #2, Braeholm, W. Va	666 667	D. E. Hensley.
Burke Elkhorn Coal Co., Pikeville, Ky.	Burke Mine, Pikeville, Ky	5656	Wayne M. Burke. F. M. Weisenfelder.
Burning Springs Collieries Co., 714 National Bank Building, Cincinnati, Ohio.			
C. & C. Coal Co., Pineville, Ky.			Clyde Guthrie.
Cairnes Coal Mining Co., Middlesboro, Ky.	Cairnes Coal Mining Co., Middlesboro, Ky.	79	Mary H. Bruce.
Call Fuel Co., Canabrake, W. Va. (2200-B).			
Cambria Coal Co., Box 1351, Knoxville 8, Tenn.	Cross Mountain Mine, Briceville, Tenn.	142	C. W. Henderson.
	Royal Mine, Briceville, Tenn	419	
Cameo Coal Mining Co., 402 Yuster Building, Columbus, Ohio.			F. P. Smith.
Cannelton Coal & Coke Co., Cannelton, W. Va.	Mine #3, Cannelton, W. Va Mine #5, Cannelton, W. Va Mine #6, Cannelton, W. Va	82 83 84	F. O. Harris.
Carbon Fuel Co., 1310 Kanawha Valley Bldg., Charleston, W. Va.			L. N. Thomas.
Carbon Glow Coal Co., Carbon Glow, Ky.			W. D. Skidmore.
Carfax Coal Corp., Coeburn, Va.	Shannon Mine, Coeburn, Va.	4172	C. L. Edwards.
Carrs Fork Coal Co., Masonic Temple Bldg., Portsmouth, Ohio.			
Caudill-Ward Coal Co., Praise, Ky.	Caudill-Ward Coal Co., Praise, Ky. Caudill-Ward Coal Co., Hellier, Ky.	262 4198	C. M. Caudill.
Cedar Grove Collieries, Inc., Cedar Grove, W. Va.			Roger A. Tompkins.
Cedar Grove Mining Co., Box 507, Madison, W. Va.			
Central Elkhorn Coal Co., 145 North High Street, Columbus 15, Ohio.	Lower Seam, Estill, Ky	7126	J. S. McVey.
Central Rex Coal Co., Inc., 103 First Street, La Follette, Tenn. (Leased to Nurex Coal Co., Inc.).	Rex #2, La Follette, Tenn	404	Paul B. Francis.
Chafin-Jones-Heatherman Coal Co., Box 38, Peach Creek, W. Va.	Chafin-Jones-Heatherman Coal Co., Peach Creek, W. Va.	7182	K. S. Heatherman.
Chapmanville Coal Co., Chapmanville, W. Va.	Mine #1, Chapmanville, W. Va.	4156	Charles Matthews.
Ethel Chilton Mines, Inc., Box 2107, Charleston, W. Va.	Ethel #1, Ethel, W. Va Ethel #2, Ethel, W. Va	199	A. L. McCalla.
Chloe Elkhorn Coal Co., Inc., Box 493, Pikeville, Ky.			
Christian Colliery Co., 1500 Walnut Street, Philadelphia 2, Pa.			Andrew G. B. Hogue.
Christie Coal Co., Norton, Va.			
Cinderella Coal Corp., Cinderella, W. Va.	New Cinderella, Hatfield, Ky	5418	C. A. Hamill.
City Elkhorn Coal Co., Prestonburg, Ky.			
City Fuel Co., Hazard, Ky.			M. K. Ebben.
Clean Eagle Coal Co., Logan, W. Va.			
The Clear Branch Mining Co., 245 Summit Street, Toledo 4, Ohio.	Clear Branch, Ligon, Floyd County, Ky.	110	A. B. Miller.
Clearfork Coal Co., Inc., Cumberland Avenue, Middlesboro, Ky.	Clear Fork #1, Fonde, Bell County, Ky. Clearsplint #3, Fonde, Bell County, Ky. Clear Fork-Jellico #4, Fonde, Bell County, Ky.	112 113 7208	S. M. Reams.

Mines in Government possession 15 November 1946—Continued

CMA AREA II, DISTRICT 28—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Clinchfield Coal Corp., Dante, Va	Genefal, Dante, Va		A. R. Matthews.
	No. 2, Dante, Va	114	
	No. 3, Dante, Va	115	
	No. 52, Dante, Va	118	
	No. 7, Clinchco, Va	116	
	No. 8, Clinchco, Va	116	
	No. 9, Clinchco, Va	117	
	General, Clinchco, Va		
Clinchmore Coal Mining Co., 1202 Hamilton Bank Bldg., Knoxville, Tenn.	Mine No. 1, Clinchmore, Tenn.	119	Sam G. Moore.
Clintwood Coal Co., Box 448, Law & Commerce Bldg., Bluefield, W. Va.	Levisa River, Mouthcard, Ky.	5239	W. W. Wood.
Clover Darby Coal Co., Inc., Closplint, Ky.	High Cliff, Closplint, Ky.	7169	F. L. Dupree.
Clover Fork Coal Co., Kitts, Ky.	Clover Fork, Kitts, Ky.	121	A. F. Whitfield, Jr.
Coal Processing Corp., 230 S. Clark Street, Chicago, Ill.	Dixiana "A", Norton, Va.	5574	D. W. Buchanan.
	Dixiana "B", Norton, Va.		
	Dixiana "C", Norton, Va.		
Coalburg Kanawha Mining Co., Coalburg, W. Va.	Belmont #8, Coalburg, W. Va.	413	J. A. Willis.
Coleman Fuel Co., Field, Ky.	Red Bird, Field, Bell County, Kentucky.	392	C. R. Coleman.
Columbus Mining Company, McCormick Building, Chicago, Ill.	Mine #3, Christopher, Ky.	124	Paul Allais.
	Mine #4, Allais, Ky.	125	
	Mine #5, Allais, Ky.	126	
	Mine #6, Hilton, Ky.	127	
	Mine #9, Combs, Ky.	128	
	Mine #10, Barridge, Ky.	129	
Consolidation Coal Co. (Ky.), Jenkins, Ky.	Clover Splint, Closplint, Ky.		S. M. Cassidy.
	#155, Van Lear, Ky.	132	
	#207, Jenkins, Ky.	5445	
	#214, McRoberts, Ky.	135	
	#204, Jenkins, Ky.		
	#206, Durham, Ky.		
	#206-B, Durham, Ky.		
	#207, Durham, Ky.	7178	
Consumers By-Product Coal Co., Inc., Pikeville, Ky.	Dry Fork #1, Shelbiana, Ky.	599	C. D. Jacobs.
Consumers Mining Corp., Box 29, Tazewell, Va.	Mine #1, Tazewell, Va.	377	R. O. Van Dyke.
Cooley-Elkhorn Coal Co., Wayland, Ky.	Mine #1, Garrett, Ky.	7137	Frank Cooley.
Cornett Hill Coal Co., Kodak, Ky.	Cornett Hill, Vicco, Ky.	681	E. A. Hammonds.
Cornett-Lewis Coal Co., Louellen, Ky.	Splint Seams Mine, Louellen, Ky.	137	D. B. Cornett.
	Harlan Seam Mine, Louellen, Ky.	138	
Creech Coal Co., Twila, Ky.			R. W. Creech.
Ester & Effie Croley, Gatlief, Ky.			
Crummies Creek Coal Co., Crummies, Ky.	Crummies #1, Crummies, Ky.	144	W. J. Cunningham.
Crystal Block Mining Co., 1305 West Virginia Building, Huntington 15, W. Va.	No. 1, Rawl, W. Va.	147	J. M. Tulley.
	No. 3, Lobata, W. Va.	7125	
	No. 4, Sarah Ann, W. Va.	148	
	No. 5, Roth, Va.		
Crystal Block Coal & Coke Co., 1305 West Virginia Building, Huntington 15, W. Va.			
Cutshin Coal Co., Combs, Ky.	No. 1 Mine, Wooton, Ky.	3647	E. J. Davis.
A. J. Dalton, Pikeville, Ky.			
Darb Fork Coal Co., P. O. Box 509, Hazard, Ky.	Darb Fork, Darfork, Ky.	151	E. B. Johnson.
Darby Coal Corp., Verda, Ky.	Blue Heart Mine, Le Junior, Ky.	472	Pearl Bassham.
Dartmont Coal Co., Evart, Ky.	Dartmont Coal Co., Evart, Ky.	7074	Harry M. Bennett.
D. F. Davis Coal Co., Jackson, Ky.			
Dayton Coal Co., Stoneman Building, Columbus, Ohio.	New Howard, Surosa, W. Va.	350	H. E. Clary.
Deane Coals, Inc., Pineville, Ky.			
Derifield Coal Co. (E. P. Derifield), Pinsonfork, Ky.			E. P. Derifield.

Mines in Government possession 15 November 1946—Continued

CMA AREA II, DISTRICT 28—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Diamond Coal Mining Co., Caryville, Tenn.	Diamond #2, Devonia, Tenn	164	H. E. Jackson.
	Diamond #2-B, Rosedale, Tenn.	7117	
Diamond Elkhorn Coal Co., Garrett, Ky.	Diamond #3, Caryville, Tenn	165	
Dixie Darby Fuel Co., Verda, Ky	Marne #3 Mine (Dixie), Le Junior, Ky.	167	Pearl Bassham.
Dixport Coal Co., Kanawha Valley Building, Charleston, W. Va.			C. C. Dickerson.
Dorton Elkhorn Coal Co., Inc., Dorton, Ky.			
Draper Mining Co., Box 1150, Logan, W. Va.			W. T. Harvey.
Dyke Coal Co., P. O. Box 286, Williamson, W. Va.	Big Splint, Nolan, W. Va	7424	M. C. Clark.
Earlston Coal Co., Kermit, W. Va	Earlston, Kermit, W. Va	182	J. D. McLaughlin.
Eastern Coal Corp., Federal Street, Bluefield, W. Va.			Lawrence E. Tierney, Jr.
Eastern Gas & Fuel Associates (Koppers Coal Division), 1050 Koppers Building, Pittsburgh, Penna. (Also D-1, D-2, D-7.)	Wharton, Wharton, W. Va	489	L. C. Campbell.
	Powellton #3 Eagle, Elkridge, W. Va.	7229	
	Powellton #3, Elkridge, W. Va.	373	
	Kopperston #1, Kopperston, W. Va.	530	
	Kopperston #2, Kopperston, W. Va.	619	
	Weeksbury, Weeksbury, Ky	486	
Edgemont Fuel Co., Drift, Ky			
Elcomb Coal Co., Box 151, Harlan, Ky			
Electro Metallurgical Co. (W. W. Jennings), Alloy, W. Va.	Alloy #2, Alloy, W. Va	11	W. W. Jennings.
Elk Creek Coal Co., Amherstdale, W. Va.	Mine No. 1, Emmett, W. Va	187	J. A. Kelly.
	Mine No. 2, Emmett, W. Va	725	
Elkhorn Coal Corp., 308 Union Trust Building, Charleston, W. Va.			A. A. Goldsmith.
Elkhorn Coal Co., 230 S. Clark St., Chicago, 4, Ill.	King Kona #2, Kona, Letcher County, Kentucky.	285	R. B. Starek.
Elkhorn Collieries Corp., First Nat'l Bank Bldg., Cincinnati, Ohio.			A. C. Slemp
Elkhorn Creek Coal Co., Dorton, Ky			
Elkhorn Ferguson Coal Co., Pikeville, Ky.			
Elkhorn Jellico Coal Company, Whitesburg, Ky.			
Elkhorn Junior Coal Co., Thornton, Ky.	Lorraine #2, Thornton, Ky	7302	P. W. Slemp.
Elkhorn Mining Co., Pikeville, Ky	Elkhorn City, P. O. Praise, Ky.	4141	James B. Stephenson.
Emperor Coal Co., c/o Portsmouth Steel Corp., Portsmouth, Ohio.	Freeburn Mine, Freeburn, Ky.	309	E. A. Swartz.
The Epic Coal Co., Inc., Box 398, Logan, W. Va.			
Esson Coal Co., Wallins Creek, Ky	Esson Coal Co., Wallins Creek, Ky.	7022	James L. Howard.
Evans Elkhorn Coal Co., Lackey, Ky	Jones' Fork, Lackey, Ky		George E. Evans, Jr.
	Evans, Lackey, Ky		
	Lackey, Lackey, Ky		
Evans Pocahontas Coal Co., Panther, W. Va. (7200-B).	Evans Pocahontas Coal Co., Panther, W. Va.	7032	W. H. Day.
Fairfax Coal Co., Kermit, W. Va	Fairfax, McAndrews, Ky	356	J. D. McLaughlin.
Famous Elkhorn Coal Co., Robinson Creek, Ky.	Johnson #1, Robinson Creek, Ky.	691	Fon Johnson.
Fayette-Jellico Coal Co., Warren, Ky			Isaac Congleton.
Fentress Coal & Coke Co., 407 Cotton States Building, Nashville, Tenn.			S. C. Boyer.
Fite Fork Coal Co., Pikeville, Ky			
Fleming Coal Co., Inc., P. O. Box 92, Fleming, Ky.	Skaggs #3, Fleming, Ky	4190	R. L. Reed.
	Skaggs #4, Fleming, Ky		
	Skaggs #6, Fleming, Ky		
Floyd Elkhorn Coal Co., Drift, Ky			
H. E. Folk Mining Co., Blackwood, Va	Folk #3, Blackwood, Va	7654	Price P. McLemore, Jr.
Ford Motor Co., 300 Schaefer Road, Dearborn, Mich. (Mines operated by Eastern Coal Corp., Bluefield, W. Va.)			

Mines in Government possession 15 November 1946—Continued

CMA-AREA II, DISTRICT #8—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Fork Mountain Coal Co., Williamsburg, Ky.	Dean, Fork Mountain, Tenn.	204	B. E. Cheelyn.
	Regal, Fork Mountain, Tenn.	400	
Fort Branch Mining Co., Logan, W. Va.	Lyburn Mines, Logan, W. Va.	206	W. H. Glover.
Four Seam Coal Corp., Bramwell, W. Va.	Four Seam #1, Hazard, Ky.	207	R. H. Kelly.
	Four Seam #3, Hazard, Ky.	7304	
Fox Ridge Mining Co., Box 447, Pineville, Ky.			Joseph T. Osler.
Jennie Francis Coal Co., Letcher, Ky.	Litch, Letcher, Ky.	169	F. S. McComas.
Garden Gap Coal Co., Hanover, W. Va. (2200B).	Garden Gap Coal Co., Pineville, W. Va.		C. W. Shuffleburger.
Garmeada Coal Co., Middlesboro, Ky.			J. S. Greene.
Gatliff Coal Co., Main Street, Gatliff, Ky.			J. B. Gatliff, Jr.
Gay Coal & Coke Co., Mount Gay, W. Va.	Mine #2, Mount Gay, W. Va.	215	Harry Gay.
	Mine #3, Mount Gay, W. Va.	216	
Gay Mining Co., Mount Gay, W. Va.	Ben Creek #1, Mount Gay, W. Va.	890	Harry S. Gay.
	Ben Creek #2, Mount Gay, W. Va.	7426	
Georges Creek Coal Co., Liberty Trust Building, Cumberland, Md. (Also D.-L.)	Hetzel #1, Hetzel, W. Va.		R. L. Stallings.
	Hetzel #2, Hetzel, W. Va.	726	
	Hetzel #3, Hetzel, W. Va.		
Glen Alum Coal Co., Glenalum, W. Va.	Glen Alum, Glenalum, W. Va.	219	W. W. Walker.
Dorothy Glenn Coal Mining Co., Dry Branch, W. Va.	Dorothy Glenn Coal Mng. Co., Dry Branch, W. Va.	7002	V. B. Darby.
Glogora Coal Co., Box 565, Huntington, W. Va.			
Goldie Baye Mining Co., Cedar Grove, W. Va.	Barrister, Cedar Grove, W. Va.	7270	R. F. Willis.
Dorothy Gordon Mining Co., 16 East Broad street, Columbus 15, Ohio.	Mine No. 6, Gordon, W. Va.	7241	Fred Essex.
Grayson Block Mining Co., T. D. Draughn, Hazard, Ky.			
Greene Brothers Coal Co., Box 517, Madison, W. Va.	Greene Brothers Coal Co., Madison, W. Va.	1376	L. C. Greene.
Greenough Mining Co., Inc., Rockhouse, Ky.			D. H. Clark.
Guaranty Elkhorn Coal Co., Drift, Ky.			
Guyan Eagle Coal Co., J. R. Fields, Amberstdale, W. Va.	Guyan Eagle #1, Amberstdale, W. Va.	226	John A. Kelly.
	Guyan Eagle #3, Amberstdale, W. Va.	227	
Hager Hill Mining Co., Lothair, Ky.	Hager Hill Mining Co., Paintsville, Ky.	5029	M. H. Smith.
Hamill Coal Corp., Cinderella, W. Va.	Hamill #1, Argo, Ky.	7331	C. A. Hamill.
Hamilton Coal Co., Williamson, W. Va. (2300B).			
Happy Scuddy Coal Co., Box 1351, Knoxville, Tenn.	Happy-Scuddy Coal Co., Knoxville, Tenn.	425	C. W. Henderson.
Hardy-Burlingham Mining Co., 903 Newport Finance Bldg.; Fourth & York Streets, Newport, Ky.	Hardburly, Hardburly, Ky.	231	M. R. Dayton.
Harlan Collieries Co., Brookside, Ky.	Brookside, Brookside, Ky.	68	B. W. Whitfield, Jr.
Harlan Fuel Co., Yancey, Ky.	Harlan Fuel Co., Yancey, Ky.	309	Pete Guthrie.
Harlan Wallins Coal Corp., Verda, Ky.	Marne #1 Mine, Verda, Ky.	316	Mr. Pearl Basham.
	Number 6 Mine, Verda, Ky.	5573	
	Molus Mine, Molus, Ky.	337	
	Marne #2 Mine (Darby), Evarts, Ky.	152	
	Number 4 Mine, Evarts, Ky.		
Harlow Coal Co., Neon, Ky.			O. M. Harlow.
H. E. Harmon Coal Corp., Harmon, Va.			
Harold Fuel Co., Inc., Harold, Ky.			
Harvey Coal Corp., 413 Fidelity Bankers Trust Bldg., Knoxville, Tenn.	Harvey Coal Corp., Harveyton, Ky.	236	Calvin Holmes.
Hatfield Campbell Creek Coal Co., 832-32 Union Trust Building, Cincinnati 2, Ohio.	Glomawr, Glomawr, Perry County, Ky.	221	Irvin Davis.
	Point Lick No. 4, Point Lick, Kanawha County, W. Va.	370	
	Putney 1-3, Putney, Kanawha County, W. Va.	382	
Hellier Coal & Coke Co., Inc., 1717 Oliver Building, Pittsburgh, Pa.	Allegheny, Hellier, Ky.		
Hi-Hat Elkhorn Mining Co., Hi-Hat, Ky.			

Mines in Government possession 15 November 1946—Continued

CMA AREA II, DISTRICT 28—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
High Point Coal Co., Box 1351, Knoxville, Tenn.			C. W. Henderson.
High Point Elkhorn Coal Co. (J. E. Bowman) Pikeville, Ky.	High Point Elkhorn Coal Co., #1, Rockhouse, Ky.		J. E. Bowman.
High Splint Coal Co., Main Street, Williamsburg, Ky.	Hi-Lo, High Splint, Ky.	244	J. B. Gatliff, Jr.
High Vein Coal Co., Cedar Grove, W. Va.	Amelia Mine, Amelia, W. Va.	7980	W. J. Morrow.
Hoey Elkhorn Coal Co., Kona, Ky.			
Hollan & Wright, Whitesburg, Ky.			
Holley Coal Co., Ottawa, W. Va.			
Home Creek Smokeless Coal Co., Inc., Box 669, Bluefield, W. Va.	Home Creek Smokeless Coal Co., Inc., Home Creek, Va.	285	F. Elwatch. C. W. French.
Hutchinson Coal Co., Monroe Street, Fairmont, W. Va. (Also D 3).	Hutchinson #9, Hutchinson, W. Va.	394	Robert A. Ritchie.
	Hutchinson #8, Delbar, W. Va.	150	
Imperial Colliery Co., 31 Lynch Building, Lynchburg, Va.	Imperial #6, Burnwall, W. Va.	5178	C. Lynch Christian.
	Imperial #8, Burnwall, W. Va.	7222	
Indian Creek Coal Co., Inc., 806 Hamilton Bank Building, Knoxville 2, Tenn. (Attn of Mr. R. A. Wedekind).	Indian Creek, Indian Creek, Tenn.	7616	W. G. Polk.
Inland Steel Co., 38 S. Dearborn Street, Chicago, Ill.	Inland Steel Co., Wheelwright, Ky.	490	W. Sykes.
Island Creek Coal Co., Guaranty Bank Bldg., Huntington, W. Va.	Island Creek #1, Holden, W. Va.	7480	Jed. Foster.
	Island Creek #7, Holden, W. Va.	257	
	Island Creek #15-A, Holden, W. Va.	3528	
	Island Creek #18S, Holden, W. Va.	780	
	Island Creek #20, Holden, W. Va.	200	
	Island Creek #22, Holden, W. Va.	262	
	Island Creek #23, Holden, W. Va.	7370	
	Island Creek #24 (Under development), Holden, W. Va.		
Island Creek Mining Co., P. O. Box 252, Pikeville, Ky.	Island Creek Mining Co., Island Creek, Ky.	3945	Bradford Runyon.
Jackson Coal Co., Shelby Gap, Ky.			
Jackson Mining Co., 17 S. High Street, Columbus, Ohio.	Dorothy Dale, Olcott, W. Va.	372	J. S. McVey.
Paul Johnson, Chavies, Ky.	Paul Johnson, Chavies, Ky.	7016	Paul Johnson.
Johnson Supply Co., Chavies, Ky.	Johnson Supply Co., Chavies, Ky.	7003	Otie Farra.
Josephine Elkhorn Coal Co., Prestonburg, Ky.	Josephine Elkhorn Coal Co. #10, Prestonburg, Ky.		George T. Roberts.
	Josephine Elkhorn Coal Co. #8, Prestonburg, Ky.		
	Josephine Elkhorn Coal Co. #2, Prestonburg, Ky.	1112	
	Josephine Elkhorn Coal Co. #7, Prestonburg, Ky.		
Kanawha Coal Corporation, Eskdale, W. Va.			T. C. Weeks.
Kanawha & New River Barge & Rail Coal Mines, Inc., Crown Hill, W. Va.	Winifrede, Crown Hill, W. Va.	538	E. L. Michie.
	Crown Hill #8, Crown Hill, W. Va.	4137	
Kathryn Elkhorn Coal Co., Drift, Ky.			
Kelly's Creek Colliery Co., 810 Western Reserve Building, Cleveland, Ohio (Also D-3).	Mine No. 2A, Ward, W. Va.	275	Harry T. Ewing.
	Mine No. 2B, Ward, W. Va.	594	
	Mine No. 4, Ward, W. Va.	603	
	Mine No. 3, Hughestown, W. Va.	2057	
Kemmerer Gem Coal Co., St. Charles, Va.	Mine No. 2, St. Charles, Va.	278	C. F. Connelly.
The Kenmont Coal Co., 2886 Toledo Trust Building, 245 Summit Street, Toledo, Ohio.	Kenmont, Jeff Perry County, Ky.	279	A. B. Miller.

Mines in Government possession 15 November 1946—Continued

CMA AREA II, DISTRICT 8—Continued

Mine's company and address	Mine name and address	Index No.	Operating manager
Kentucky Blue Grass Mng. Co., P. O. Boxes, Hazard, Ky.	Blue Grass Mining Co., #9, P. O. Box #9, Hazard, Ky.	7457	Wm. Pendleton.
Kentucky Cardinal Coal Corp., Cardinal, Ky.	Cardinal #1, Cardinal, Ky.	93	J. C. Straus.
Kentucky Darby Coal Co., Pennington Gap, Va.	Kentucky Darby Coal Co., Pennington Gap, Va.	2173	Charles D. Cole.
Kentucky Elkhorn Mining Co., Drift, Ky.	Columbia #2, Drift, Ky. Turner #3, Drift, Ky.	7417	J. E. Cooley.
Kentucky Jellico Coal Co., Kay Jay, Ky.	Kayjay, Kay Jay, Ky.	272	B. W. Whitfield.
Kentucky Relief Coal Co., Fleming, Ky.	Crockett Mine, Fleming, Ky.	155	W. S. Webster.
Kentucky Straight Creek Coal Co., Four Mile, Ky.	J. B. #2, Four Mile, Ky.		W. E. Lewis.
	Helen #2, Four Mile, Ky.		
Kentucky Sun Coal Co., Transportation Building, Cincinnati, Ohio.	Kentucky Sun Coal Co., Combs, Ky.	454	F. H. Davis.
Kimberling Collieries Co., 405 Yeager Building, Columbus, Ohio.	Kimberling, Gilbert, W. Va.	4178	Pearl Rader.
Kingston Pocahontas Coal Co., 40 Exchange Street, New York, N. Y. (also [illegible])	Kingston Eagle seam, Kingston, W. Va.	283	A. E. Scherm.
	Kingston Pocahontas seam, Kingston, W. Va.	520	
Kinney Elkhorn Coal Co., Shelbourne, Ky.			
Knott Coal Corp., Ames, Ky.	Knott, Ames, Ky.	284	Hugh Bulford.
Lambert Coal Co., 17 S. High Street, Columbus, Ohio.	Maywood Mine, Seth, W. Va.	3750	F. S. McVey.
Lambert Company, Hi Hat, Ky.			F. P. Smith.
Lamp Coal Corp., 1003 Guaranty Bank Building, Huntington, W. Va.			
Lee Mining Co., P. O. Box 2107, Charleston 28, W. Va.	Dale Richie Mine, Boomtown, Va.	7405	A. L. McCalla.
Leckie Collieries Co., 20 East State Street, Columbus 15, Ohio.	Alma, Alex, Ky.	786	W. S. Leckie.
Leckie Collieries, Inc., Kanawha Valley Building, Charleston, W. Va.	Freeburn, Alex, Ky.	3	Charles C. Dickinson.
Liberty Elkhorn Mining Co., Drift, Ky.			
Linn Company, Hi Hat, Ky.			
Little Creek Coal Co., Neon, Ky.			
Locust Alma Coal Co., Logan, W. Va.	Rith, Rith, W. Va.	411	W. S. Leckie.
Locust Clinton Coal Co., 20 East State Street, Columbus, Ohio.			H. E. Jones.
Logan County Coal Corp., P. O. Box 4, Charleston 22, W. Va.			
Logan Powellton Coal Co., Box 251, Montgomery, W. Va.	McCall #1, Christian, W. Va.	7262	Ed. Breit.
Lone Coal Co., Belle, W. Va.	McCall #2, Christian, W. Va.	324	
Lorado Coal Mining Co., 1st National Building, Columbus, Ohio.	Lorado Coal Mng. Co., Lorado, W. Va. (Logan County).		G. C. Johnson.
Lost Ark Mines, Pikeville, Ky.			
Lyburn Mines, Inc., Box 247, Logan, W. Va.			
Lynn Camp Coal Corp., Main Street, Tazewell, Va.	Lynn Camp Coal Corp., Tazewell, Va.	303	R. O. Van Dyke.
Mahan Pillion Coal Corp., Williamsburg, Ky.	Mahan Mine, Lasley, Tenn.	7097	C. R. Griffith.
	Mahan Mine, Route #2, Lowery, Tenn.	7736	
Majestic Collieries Co., 708 Peery Building, Bluefield, W. Va.	Stanhope Mine, Liggette, Ky.	307	J. A. Dickinson.
	Majestic #1, Majestic, Ky. (Pike County)	309	W. W. Walker.
	Majestic #2, Majestic, Ky. (Pike County)	5398	
Manitoba Mining Co., P. O. Box 2107, Charleston 28, W. Va.	Manitoba, Ethel, W. Va.	7252	L. I. Burns.
Maryanne Coal Co., Conaway, Va.	Margaret Ann, Conaway, Va.	3781	Thomas H. Pritchard.
Matheny Coal Co., Scuddy, Ky.	Defiance, Scuddy, Ky.	158	M. K. Marlowe.
	Marlowe Coal Co., Whitesburg, Ky.	507	
Matney Coal Co., Henshaw, W. Va.			L. K. Marmet.
Matt Helen Coal Corp., Coalgood, Ky.			
Matewan Fuel Co., Inc., Matewan, W. Va.	Matewan, Fuel Co., Inc., Matewan, W. Va.	500	E. J. Stewart.
McDade Coal Co., 912 Hamilton Nat'l Bank Bldg., Knoxville 2, Tenn.	McDade Coal Co., Motch, Tenn.	516	James S. McDade.
Meem-Haskins Coal Corp., Bluefield, W. Va.	Meem-Haskins #2 Mine, Kodak, Perry County, Ky.	326	Gilbert S. Meem.

Mines in Government possession 15 November 1946—Continued

CMA AREA II, DISTRICT 8—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Merrill Coal Co. (C. W. Jones), Henlawson, W. Va.	Merrill, Henlawson, W. Va.		C. W. Jones.
Milburn By-Product Coal Co., Milburn, W. Va.			B. Elsey.
Mile Branch Coal Co., Crown Hill, W. Va.	Monarch, Crown Hill, W. Va	338	E. L. Mitchie.
Millstone Coal Co., Millstone, Ky			
Monarch Coal Co., Cedar Grove, W. Va			Mitchell Pashid.
Monitor Coal & Coke Co., Wilkinson, W. Va.	Monitor Alma #2, Wilkinson, W. Va.	167	Arthur Downing.
	Yuma Alma #3, Wilkinson, W. Va.	4102	
Moore Branch Coal Co., Hitchins, Ky.	Moore Branch #1, Hitchins, Ky.	1071	George Stevens.
Moore Coal Co., 1202 Hamilton Bank Building, Knoxville, Tenn.	Moore Coal Co., Devonia, Tenn.	344	Sam G. Moore.
Moore Elkhorn Coal Co., Shelby Gap, Ky.	Moore Elkhorn Coal Co., Clintwood, Va.	5412	Grady G. Baker.
Mountain Coal Co., Pikeville, Ky.	Mountain Coal Co., Pikeville, Ky.	5841	Edwin McGhee.
Muzzle Coal Co., Pineville, W. Va.			
Nancy Elkhorn Coal Co., Drift, Ky.			
New Alma Coal Co., McCarr, Ky.	New Alma, McCarr, Ky.	348	J. D. McLaughlin.
New Jellico Coal Co., Morley, Tenn.	Blue Rose Mine, Morley, Tenn.	61	W. S. Webster.
	Anthras Mine, Anthras, Tenn.	22	
Norfolk & Chesapeake Coal Co., 2614 Book Tower, Detroit, Mich.			H. T. Wilson.
Norfolk & Western Railways Co., 8 North Jefferson Street, Roanoke, Va.	Howard Collieries Chattaroy, W. Va. Pond Creek Collieries, Williamson, W. Va.		W. J. Jones.
North-East Coal Co., 3200 Lewis Tower, Philadelphia, Pa.			
Norton Coal Co., Norton, Va	Mine #11, Norton, Va	353	W. J. Willits.
	Blair Strip Mine, Norton, Va	7161	
Nowlin Winifrede Coal Co., McCarr, Pike County, Ky.	Buffalo, Chattaroy, Mingo County, W. Va.	75	M. J. M. Nowlins.
Nurex Coal Co., Inc., P. O. Box 443, La Follette, Tenn.	Nurex, La Follette, Tenn	354	
	Rex #2, La Follette, Tenn	404	
Old King Mining Co., Transportation Building, Cincinnati, Ohio.	The Old King Mining Co., Tribbey, Ky.	330	F. H. Davis.
Orlandi Coal Co., Ashford, W. Va	Orlandi #2, Ashford, W. Va.	360	Orazio Orlandi.
P. V. & K. Coal Co., Main Street, Monongahela, Pa.	Clover Gap, Le Junior, Ky	122	Robert H. Robinson.
Packard Mining Co., Packard, Ky	Bethany, Bethany, W. Va		
Page Pocahontas Coal Corp., Box 192, Welch, W. Va.	Page, Page, Va		J. W. Strickler.
Panther Coal Co., Inc., 79 E. State Street, Columbus, Ohio (also D-3)	Roseann, Roseann, Va	417	W. S. Leckie.
Panther Red Ash Coal Corp., Panther, W. Va.	Dougla Panther, W. Va	176	M. Whaley.
Clay D. Pauley, Fork Junction Coal Co., Morrisvale, W. Va.			
Peerless Coal Corp., Glamorgan, Va.	Glamorgan #4, Glamorgan, Va.	218	W. C. Shunk.
	Glamorgan #6, Glamorgan, Va.		
Peerless Derby Coal Co., Inc., Vivian, W. Va.	Derby, Splint, Ky	437	Roland C. Luther.
Perkins-Harlan Coal Co., Williamsburg, Ky.	Liggett Mine, Liggett, Ky	253	David A. Perkins.
Pewee Coal Co., 1003 Burwell Building, Knoxville, Tenn.			
Pike County Collieries, Inc., Pikeville, Ky.			
Pinson Coal Co., Big Branch, Ky.	Pinson Coal Co. Mine #1, Big Branch, Ky.	4143	Otto Sykes.
	Pinson Coal Co. Mine #2, Big Branch, Ky.		
Pioneer Coal Co., 303 Speed Building, Louisville, Ky.	Pioneer Coal Co., Kettle Island, Bell County, Ky.	368	W. S. Speed.
Polly & Belcher Coal Co., Whitesburg, Ky. (This mine was taken over by Raymond Taylor, Kona, Ky.)	Lonesome Mine, Kona, Ky		

Mines in Government possession 15 November 1946—Continued

CMA AREA II, DISTRICT 8—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Porter Elkhorn Coal Co., Martin, Ky.	Porter #2, Printer, Ky.	1110	Henry Porter.
	Porter #4, Printer, Ky.	5788	
	Porter #4A, Printer, Ky.		
	Porter #5, Printer, Ky.		
	Porter #7A, Printer, Ky.	7014	
	Porter #6, Printer, Ky.	815	
	Porter #9, Martin, Ky.	7063	
	Porter #14, Printer, Ky.		
	Porter #15, Printer, Ky.		
	Goldia #3, McDowell, Ky.		
	Goldia #4, McDowell, Ky.		
	Goldia #5, McDowell, Ky.		
	Heatly #1, Martin, Ky.		G. J. Stallings.
Powellton Coal Co., Mallory, W. Va.			
Premier Jellico Coal Corp., Middlesboro, Ky.	Premier Jellico Coal Corp., Middlesboro, Ky.	378	E. E. Smith.
Princess Dorothy Coal Co., Eunice, W. Va.			Andrew O'B. Hogue.
Princess Elkhorn Coal Co., (Louise H. Hart) Guaranty Bank Building, Huntington, W. Va.			David L. Francis.
D. H. Prichard Contractor, Inc., P. O. Box 2207 Charleston 28, W. Va.			
Pruden Coal & Coke Co., Pruden, Tenn.	William Ann Mine, Delbarton, W. Va.	495	D. T. McClure.
	Black Creek Mine #2, Pruden, Tenn.	27	D. E. Griffith.
	Mine No. 6, Pruden, Tenn.	7287	
Pucketts Creek Coal Corp., Pennington Gap, Va.	Pucketts Creek Coal Corp., Pennington Gap, Va.	7207 2665	Grover W. Robertson.
Puritan Coal Corp., 1003 Guaranty Bank Building, Huntington, W. Va.			F. P. Smith.
Rader Coal Co., Wooten, Ky.			
Raleigh Wyoming Mining Co., 220 S. Clark Street, Chicago 4, Ill. (Also D-7).	Edwight #1, Edwight, W. Va.	186	D. W. Buchanan.
	Edwight #6 (Hiawatha), Edwight, W. Va.	5700	
Ratliff Coal Co., Lookout, Ky.	Poorbottom, Lookout, Ky.	7212	Trimble Fields.
Raven Red Ash Coal Co., Beckley, W. Va.	Raven Red Ash No. 2, Raven, Va.	391	E. S. Pugh.
Red Ash Smokeless Coal Co., Iaeger, W. Va.	Red Ash Smokeless Coal Co., Iaeger, W. Va.	389	Leo J. Signaigo.
Red Jacket Coal Corp., Red Jacket, W. Va. (Also D-7).	Mitchell Brand, Red Jacket, W. Va.	7360	Paul D. Ritter.
	Red Jacket #6, Red Jacket, W. Va.	394	
	Junior, Red Jacket, W. Va.	267	
	Coal Mountain #11, Coal Mountain, W. Va.	4122	
	Coal Mountain #12, Coal Mountain, W. Va.	7081	
	Keen Mountain, Keen Mountain, Va.	304	
Red Parrott Coal Co., 1425 Terminal Tower Building, Cleveland, Ohio.	Red Parrott #2, Prenter, W. Va.	593	H. G. Schmidt.
	Red Parrott #5, Prenter, W. Va.	308	
	Red Cedar Mine, Keith, W. Va.	153	
Redyard Coal Co., Pineville, W. Va.	Huff Mountain Mine, Oceana, W. Va.	2825	Jesse Redyard.
Rennebaum Coal Co., P. O. Box 124, Middlesboro, Ky.	Rennebaum #1, Fort Ridge, Tenn.	401	Craig Ralston.
Republic Steel Corp., 1630 Republic Building, Cleveland 1, Ohio (Also D-2 and D-13).	Republic, Pikeville, Ky.	5682	J. L. Hamilton.
Rice Elkhorn Coal Co., Garrett, Ky.			Andrew O'B. Hogue.
Ridgeview Coal Co., Ridgeview, W. Va.			E. L. Michie.
Riverton Coal Co., Crown Hill, W. Va.	Riverton #3, Crown Hill, W. Va.	523	
	Riverton #4, Crown Hill, W. Va.	5674	
	Riverton #7, Crown Hill, W. Va.	4144	
Russell Fork Coal Co., Praise, Pike County, Ky.	Russell Fork Coal Co., Praise, Pike County, Ky.	7311	Joseph Harris.
Samtsett Elkhorn Coal Co., Drift, Ky.			
Sanders Elkhorn Coa. Co., Dorton, Ky.			
Sanderson Coal Co., National Bank of Commerce Bldg., Charleston, W. Va.	Sanderson Coal Co. Mine #1, Sanders, W. Va.	7408	S. W. Harrison.

Mines in Government possession 15 November 1946—Continued

CMA AREA II, DISTRICT #8—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Sandlick Coal Co., Whitesburg, Ky	Belcraft Mine, Whitesburg, Ky.	36	L. H. Lewis.
Sandy Valley Coal Co., Prestonburg, Ky.			Charles W. Alley.
Saunders Coal Co., Kenova, W. Va	Saunders Coal Co., Mine #7, Glenview, W. Va.	7418	F. R. Saunders.
Saxton Coal Corp., Box 118, Jellico, Tenn.	Jellico Mine, Jellico, Tenn	1826	Gene H. Utterback.
Schwachter-Thompson Coal Co., Box 2057, Williamson, W. Va.	Patsy Ann Mine, Goodman, W. Va	4158	R. E. Brown, Jr.
Scott-Burke Coal Co., Pikeville, Ky			Mildred Burke.
Semet-Solvay Co., 40 Rector Street, New York, N. Y.	Harewood, Lonacre, W. Va	270	A. E. Scherm.
Shelby Steam Coal Co., Inc., Shelbiana, Ky.	Henry Clay, Lookout, Ky	5477	
Sizemore Mining Corp., Drift, Ky.			
Smith Coal Co., Combs, Ky	Smith Coal Co., Combs, Ky		M. H. Smith.
Paul Smith & Kimball Mounts, Matewan, W. Va. (2206B).			
Snap Creek Coal Co., P. O. Box 1029, Logan, W. Va.			E. J. Payne.
South East Coal Co., Inc., Paintsville, Ky.	Seco No. 1, Seco, Ky	426	Alan J. Smith.
	La Veers No. 2, Milestone, Ky	289	
Southern Collieries, Inc., Williamsburg, Ky.	Southern Colliers, Inc., Lake City, Tenn.	433	B. E. Cheely.
Southern Harlan Coal Co., Williamsburg, Ky.	Southern Harlan Coal Co., Liva Rue, Ky.	434	J. A. Dickinson.
Southern Mining Co., Williamsburg, Ky.	Colmar Mine, Colmar, Ky	18	N. B. Perkins.
	Balkan Mine, Balkan, Ky	29	
	Insull Mine, Insull, Ky	255	
Splashdam Coal Corp., Splashdam, Va.	Splashdam, Splashdam, Va	436	F. E. Musick.
Spruce River Coal Co., 704-07 Ohio Merchants Bank Bldg., Massillon Ohio.	Spruce River #4, Ramage, W. Va.	438	H. Daggart.
Standard Banner Coal Co., Wakenva, Va.			
Stearns Coal & Lumber Co., Stearns, Ky.	Mine #4, Worley, Ky	442	J. E. Butler.
	Mine #11, Yamacraw, Ky	443-7684	
	Mine #18, Barthell, Ky	445-5517	
	Cooperative, Cooperative, Ky.	136-531	
Stephens Elkhorn Fuel Corp., Manton, Ky.			
Stoker Coal Co., Scuddy, Ky	Stoker, Scuddy, Ky	7136	M. K. Marlowe.
Stollings Coal, Guaranty Bank Building, Huntington, W. Va.			
Stonega Coke & Coal Co., 2500 Fidelity-Philadelphia Trust Building, Philadelphia 9, Pa.	Derby, Derby, Va		R. H. Knode.
	Dunbar, Dunbar, Va		
	Imboden, Imboden, Va	250	
	Pine Branch, Dunbar, Va	7223	
	Roda, Roda, Va		
	Stonega, Stonega, Va	451	
Straight Fork Coal Co., Box 1351, Knoxville 8, Tenn.	Straight Fork Coal Co., Knoxville, Tenn.	452	C. W. Henderson.
Sun Coal Co., Box 1351, Knoxville 8, Tenn.	Sun Coal Co., Knoxville, Tenn.	453	C. W. Henderson.
Sword Creek Mining Corp., Main Street, Tazewell, Va.	Sword Creek Mining Corp., Tazewell, Va.	458	R. O. Van Dyke.
Sycamore Coal Co., Cinderella, W. Va	Buccaneer (Cary Seam), Patterson, W. Va.	70	C. A. Hamill.
	Cinderella Mine (Winifrede Seam), Cinderella, W. Va.	108	
	Cinderella Mine (Mingo Seam), Cinderella, W. Va.	333	
	Cinderella Mine (Alma Seam), Cinderella, W. Va.	554	
	Sycamore Coal Co., Bristol, W. Va.	2011	
Sycamore Coal Corp., Cinderella, W. Va.	Buccaneer, Patterson, Virginia.		
Raymond Taylor, Lonesome Pine Mine, Kona, Ky.			
Three Point Coal Corp., Three Point, Ky.	Three Point, Three Point, Ky.	460	Elmer D. Hall.

Mines in Government possession 15 November 1946—Continued

CMA AREA II, DISTRICT #8—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Tierney Mining Co., Perry Building, Bluefield, W. Va.			L. C. Tierney.
Top Hat Mining Co., Drift, Ky			
Totz Coal Co., Totz, Ky			H. H. Bennett.
Truax-Traer Coal Co., 310 South Michigan Ave., Chicago 4, Ill. (Also D-10).	Raccoon West, Kayford, W. Va.	386	A. H. Traux.
	Acme, Kayford, W. Va	1	
	Rose, Kayford, W. Va	416	
	Rose #2, Kayford, W. Va	5628	
	Shamrock, Kayford, W. Va	7369	
	United, United, W. Va	468	
	Marfork, Marfork, W. Va	318	
Turkey Pen Coal Co., Pineville, Ky			Joe Guthrie.
Turner Elkhorn Mining Co., Drift, Ky			
U. C. Tway Coal Co., 2001 S. Third St., Louisville, Ky.			
U. S. Coal & Coke Co., Frick Building, Pittsburgh, Pa. (Also D-7 and D-10.)	Lynch, Lynch, Ky	470	Harry M. Moses.
Utilities Coal Co., Box 1740, Huntington 19, W. Va.	Utilities #62, Kistler, Logan County, W. Va.	4126	Frank Enslow.
Utilities Elkhorn Coal Co., Pikeville, Ky.	Boldman #5E, Boldman, Ky	62	J. E. Bowman.
	Martin #8H, Martin, Ky	321	
	Esco #10K, Esco, Ky	3664	
Victory Coal Co., Neon, Ky			
Virginia Jellico Coal Co., Inc., Coalgood, Ky.	Mine #1, Clairfield, Claiborne County, Tenn.	282	S. J. Durinson.
	Mine #2, Clairfield, Claiborne County, Tenn.	422	
Virginia Lee Co., Inc., St. Charles, Va	The Virginia Lee Co., Inc., St. Charles, Va.	480	S. G. Hill.
War Eagle Coals, Inc., War Eagle, W. Va.	War Eagle Coals, Inc., War Eagle, W. Va.	483	John J. Fox.
Warner Collieries Co., 530 Union Commerce Bldg., Cleveland 14, Ohio. (Also D-4.)			Whitney Warner, Jr.
Webb Coal Mining Co., 1212 1st Nat'l Bank Bldg., Cincinnati, Ohio.	Webb Mine, Garrison, W. Va.	485	L. M. Webb.
West Virginia Coal & Coke Corp., 705 Atlas Bank Building, Cincinnati, Ohio. (Also D-3.)	Earling, Omar, W. Va	189	Charles Dorrance.
	Mfeco #3, Omar, W. Va	328	
	Omar #4, Omar, W. Va	358	
	Omar #5, Omar, W. Va	359	
	Omar #15, Omar, W. Va	5556 7600	
	Stirrat #19, Omar, W. Va	448	
West Virginia Coal & Transportation Co., 224 Pioneer Building, St. Paul, Minnesota.	Jeanne Anne #1, West Columbia, W. Va.	1448	P. W. Fitzpatrick.
	Jeanne Anne #2, West Columbia, W. Va.	1449	
Whipple Coals, Inc., Pineville, Ky	Whipple Coals, Inc., Pineville, Ky.	468	J. S. Stewart.
Peter White Coal Co., Law & Commerce Building, Box 669, Bluefield, W. Va. S. V. Williams, Lookout, Ky.	Peter White Coal Co., Isaban, W. Va.	642	C. W. French.
Winco Block Coal Co., Box 262, Bluefield, W. Va.	Winco Block Mine, P. O. Naugatuck, Mingo County, W. Va.	497	J. T. Wilson.
Winifrede Collieries, Kanawha Valley Bank Bldg., Charleston, W. Va	Winifrede Collieries #2, Winifrede, W. Va.	499	D. H. Morton.
Winsie Coal Corp., Amherstdale, W. Va	Victor Coal Co., Wise, Va	500	J. E. Davis.
Wisconsin Coal Corp., Wiscoal, Ky	Wisconsin Coal, Wiscoal, Ky	502	Edward H. Jacobs.
Wise Coal & Coke Co., Dorchester, Va.	Mine #2	581	R. S. Graham.
	Mine #3 Dorchester, Va.	504	
Wood Coal Co., Charleston, W. Va			W. S. Wood.
Wyatt Coal Co., 1409 Kanawha Valley Bldg., Charleston, W. Va.	Wymar Mine, Sharon, W. Va.	508	D. W. Martin
	Laing #2 Mine	288 5956	
	No. 2 Gas Mine Eskdale, W. Va.	7699	
	Laing #1 Mine	287	
	Laing-Eagle, Laing, W. Va.	286	

Mines in Government possession 15 November 1946—Continued

CMA AREA II, DISTRICT #8—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Wyoming Mining Corp., 1510 Chestnut Street, Philadelphia 2, Pa.	Lynco, Lynco, W. Va	568	Edward C. Page.
Yocum Creek Coal Co., Box 392, Harlan, Ky.	Yocum #3, Lewis, Ky	564	
Youngstown Mines Corp., Stambaugh Bldg., Youngstown 1, Ohio.	Dehue Mine, Dehue, W. Va	159	J. L. Matho.
Youghiogheny & Ohio Coal Co., 330 Hanna Bldg., Cleveland, Ohio.	Van, Van, W. Va		W. M. Osborne.

CMA AREA II, DISTRICT #9

Apex Coal Co., Mortons Gap, Ky. (2200-B).	Apex Coal Co., Mortons Gap, Ky.	2058	E. M. Hopper.
Beech Creek Coal Co., Beech Creek, Ky	Beech Creek, Beech Creek, Ky.	1	R. R. Kirkpatrick.
Bevier Lamb Mining Co., Greenville, Ky.			
Black Diamond Coal Mining Co., Drakesboro, Ky.			
Black Gem Mining Co., P. O. Box 168, Greenville, Ky.			
Charleston Sixth Vein Collieries, Incorporated, Madisonville, Ky.	Redbud Mine, Madisonville, Ky.	2030	Than G. Rice.
Crescent Coal Co., Box 471, Central City, Ky.	Brier Creek, Central City, Ky.	2047	Charles M. Rodman.
Dawson Collieries, Inc., Box D, Dawson Springs, Ky.	Dawson Collieries, Inc., Dawson Springs, Ky.	18	W. A. Borries.
Dawson Daylight Coal Co., Box D, Dawson Springs, Ky.	Dawson Daylight #6	19	J. H. Schneider.
	Dawson Daylight #9 Dawson Springs, Ky.	20	
Flat Creek Coal Co., Main Street, Providence, Ky.			Than G. Rice.
Fort Hartford Coal Co., Hartford, Ky.	Fort Hartford Coal Co., Hartford, Ky.	5	B. B. Hoet.
Grapevine Coal Co., Madisonville, Ky	Grapevine, Madisonville, Ky.	36	L. G. Hayes.
Guerino Mining Co., Beaver Dam, Ky	Martin Mine, Rochester Road, Ky.	53	Fred ReCupedo.
Harps Hill Coal Co., R.F.D. No. 1, Greenville, Ky.	Harps Hill Mine, Graham, Ky.	862	W. K. Evitts.
Hart & Hart, Main Street, City, Ky.	Webster Mine, P. O. Box 338, Providence, Ky.	2024	F. M. Hart.
Hart-Ross Coal Co., Mortons Gap, Ky.	Moss Hill #1	58	Brent Hart.
	Moss Hill #2 Mortons Gap, Ky.	1062	
Industrial Coal Co., Dwight Building, Kansas City 6, Mo. (also D-3).	Charleston #1 Mine, Rt. 1, Dawson Springs, Ky.	2029	E. M. Hopper.
Kirk Coal Mining Co., Browder, Ky	Kirk Mine #3, Drakesboro, Ky.	2036	M. Jones.
Long Coal Mining Co., Madisonville, Ky.	Carbon Valley, Madisonville, Ky.	67	Wade Long.
Louisville Gas & Electric Co., 311 W. Chestnut Street, Louisville 2, Ky.	Cherry Hill Mine, Central City, Ky.	708	T. B. Wilson.
Low Moisture Coal Co., Providence, Ky.	Low Moisture Coal Co., (Duvin Mine), Providence, Ky.	25	W. Fred Kume.
Luzerne Graham Mining Corp., Greenville, Ky.	Skibo Mine, Luzerne, Ky	94	F. A. Hunter.
Morgan Coal Co., 19 W. 38th Street, Indianapolis, Ind. (also D-10, D-11).	Graham Mine, Graham, Ky	35	
	Beaverdam, Beaverdam, Ky	2007	Fred C. Morgan.
	Powerly, Greenville, Ky	989	
	White Plains, White Plains, Ky.	56	
J. F. Mulligan, 111-1/2 South Main, Greenville, Ky.	Bancroft Mine, Greenville, Ky.	2002	J. F. Mulligan.
Nally & Ballard, P. O. Box 331, Bardstown, Ky. (2200-B)			
New Coal Corp., 3150 Touhy Ave., Chicago, Ill.	Newcoal, New Coal, Ky	60	Clarence J. Weber.
Norton Coal Corp., Inc., 1327 Comer Building, Birmingham, Ala.	East Opening Mine, Nortonville, Ky.	1057	Sterling S. Lahier, Jr.
	Crabtree Strip Mine, Ilsley, Ky.	2005	
Pacific Coal Company, Route #1, Central City, Ky.	Pacific	64	C. D. Glass, Sr.
	Lakeside #1	955	
	Lakeside #2 Mercer, Ky.	955	

Mines in Government possession 15 November 1946—Continued

CMA AREA II, DISTRICT #9—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Pan Maw Coal Co., Madisonville, Ky.	Pan Mau Coal Co., Madisonville, Ky.	2034	L. J. Montgomery.
Phelps Coal Co., Prentiss, Ky.	Phelps Coal Co., Prentiss, Ky.	38	Everett Phelps.
Pine Hill Mining Co., RFD #3, Madisonville, Ky.	Pine Hill, Madisonville, Ky.	320	J. W. Wright.
Pond River Collieries, Box 192, Madisonville, Ky.	Pond River Collieries, Madisonville, Ky.	1073	L. R. Chapman.
Pond Valley Coal Co., P. O. Box 901, Drakesboro, Ky.	Pond Valley Coal Co., Drakesboro, Ky.	24	J. A. Cooke.
Providence Coal Mining Co., 100 Broadway, Providence, Ky.			Arthur L. Donan.
Scott & Latham, White Plains, Ky.	Scott & Latham, Depoy, Ky	2046	Lelon Latham.
Shearn Coal Co., 942 Cotton Belt Bldg., St. Louis, Mo.	Belcano, Belton, Ky.	1023	Clyde E. Pratt.
Smith & Smith, Box 196, Greenville, Ky.	McNary, McNary, Ky.	2020	R. D. Smith.
W. A. Wickliffe Coal Co., Greenville, Ky.			
Williams Coal Company, Crofton, Ky.	Williams Mine, Crofton, Ky.	87	Justin Potter.

CMA AREA II, DISTRICT #13

Acton Coal Co., Route #1, Helena, Ala.	Mine #1 (operated by Mize & Love).		
	Mine #2 (operated by Campbell & Harris).		
	Mine #3 (operated by Campbell & Harris).		
	Mine #4 (operated by Campbell & Harris).		
	Mine #5 (operated by Wesson & Parsons).		
	Mine #6 (operated by Joe Holt).		
	Mine #7 (operated by Frank Murphy).		
	Mine #8 (operated by Mize & Love).		
	Mine #9 (operated by Lawrence & Love).		
	Mine #10 (operated by Ed Russell).		
	Mine #11 (operated by Reese McClinton).		
Adams, Rowe & Norman, Inc., 729 Brown Marx Bldg., Birmingham, Ala.			E. J. Rowe.
Alabama By-Products Corp., P. O. Box 354, Birmingham 1, Ala.	Barney Mine, Cordova, Ala.	42	J. W. Porter.
	Bradford Mine, Dixiana, Ala.	77	
	Colta Mine, Flat Creek, Ala.	48	
	Labuco Mine, Labuco, Ala.	52	
	Praco Mine, Praco, Ala.	54	
	Samoset Mine, Dora, Ala.	37	
Alabama Power Co., 600 North 18th St., Birmingham 2, Ala.	Gorgas Mine, Gorgas, Ala.	1745	Thomas W. Martin.
J. C. Atkins, R. F. D. #2, Carbon Hill, Ala.	Kenshaw Mining Co., Route #2, Carbon Hill, Ala.	35	J. C. Atkins.
Averill Sanders Coal Co., Dora, Ala. (230) B			
Bessemer Coal, Iron & Land Co., 1312 First National Bldg., Birmingham 3, Ala.	Belle Ellen, Belle Ellen, Ala.	3	W. C. Hutchinson.
Birmingham Water Works Co., 2114 N. 1st Ave., Birmingham 3, Ala.	Cahaba #3, Birmingham Ala.		Alfred D. Norris.
Black Creek Coal Co., 729 Brown-Marx Bldg., Birmingham, Ala.			E. Allen Rowe.
Black Creek Coal & Coke Co., Thermal Via, Trafford, Ala.	Thermal #1, Trafford, Ala.	78	Priestley Toulmin, Jr.

Mines in Government possession 15 November 1946—Continued

CMA AREA II, DISTRICT #13—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Black Diamond Coal Mng. Co., Comer Bldg., Birmingham, Ala.	Blocton #9, West Blocton, Bibb County, Ala.	9	C. S. Blair.
	Black Diamond, Black Diamond, Jefferson Co., Ala.	67	
	Blue Creek, Blue Creek, Jefferson Co., Ala.		
	Johns, Johns, Jefferson Co., Ala.		
Boothton Coal Mining Co., Boothton, Ala.			D. A. Thomas.
Brilliant Coal Co., 1st National Bldg., Birmingham 3, Ala.	Brilliant, Brilliant Ala	18	David Roberts, Jr.
Brinson Coal & Clay, Cordova, Ala	Calumet, Calumet, Ala	32	Carl L. Brinson.
Brookside-Pratt Mining Co., 2203 Comer Bldg., Birmingham, Ala	Blossburg "E", Blossburg, Ala.	71	A. R. Long.
	Lindbergh, Adamsville, Ala., R. F. D. #1.		
	Warrior River, Carbon Hill, Ala.		
	New River, Winfield, Ala (R. F. D. to New River).		
	Deepwater, Nauvoo, Ala		
George Bryant, Route #3, Whitwell, Tenn.			
J. H. Busby, 1006 First Nat'l Bank Bldg., Birmingham 3, Ala.			
C & A Coal Co., 2019 1st Avenue N., Birmingham, Ala.			
John Calvert, Route #1, Trafford, Ala. (2200-B).			
T. L. & T. H. Carmichael, R. F. D. No. 2, Box 72, Cordova, Ala.			
Walter Clements, Soddy, Tenn	Mermanan Soddy Mine, Soddy, Tenn.		Walter Clements.
Colonial Coal & Coke Co., Pratt City, Ala.	Pratt Slope #4, Pratt City, Ala.	2075	David Brown.
Consolidated Coal Co., 2109 3rd Avenue North, Birmingham, Ala.			Mr. Dudrill.
Crenshaw Coal Co., Dora, Ala			
Davidson Coal Co., R. F. D. #1, Adamsville, Ala.	Davdison, Rt. 1, Adamsville, Ala.	311	H. S. Davidson.
DeBardeleben Coal Corp., Transportation Bldg., 2201 First Avenue, Birmingham 3, Ala.	Littleton, Littleton, Ala	1662	Henry T. DeBardeleben.
Disney Coal Co., Northport, Ala.	Tidewater, Peterson, Ala	2109	A. H. Disney.
Franklin Coal Mining Co., 806 Protective Life Bldg., Birmingham 3, Ala.			
Franklin & Tucker, Sumiton, Ala. (2200-B).			
Galloway Coal Mining Co., Inc., Carbon Hill, Ala.			
Geary-Harrison & Nunley, Palmer, Tenn.	Geary & Harrison, Palmer, Tenn.		
Glen Allen Coal Co., Glen Allen, Ala	Purity, Glen Allen, Ala		
Goforth Coal Co., Route #1, Whitwell, Tenn.	Goforth #3, Whitwell, Tenn		
	Griffith #3, Whitwell, Tenn		
	Clyde Rounsville, Whitwell, Tenn.		
	Goforth Mines #5, Daus, Tenn.		
J. C. Golden, Dora, Ala. (2200-B)	Mine #1, Dora, Ala		J. C. Golden.
Harris Coal & Clay Co., Cordova, Ala			
Hills Creek Coal Co., 809 Protective Life Bldg., Birmingham, Ala.	Hills Creek, Blocton, Ala	11	V. P. Terry.
Jagger Coal Co., Route #3, Box 146, Jasper, Ala.	Jagger Coal Co., Jasper, Ala		Herbert Taylor.
Layton Coal Co., Box 153, Dora, Ala	Layton Mine, Dora, Ala	1523	J. L. Layton.
Lehigh Coal Co., R. F. D. #1, Trafford, Ala.	Lehigh, Lehigh, Ala	75	Priestley Toulmin, Jr.
Little Cahaba Coal Co., Piper, Ala			
Little Gem Coal Co., First National Bldg., Birmingham 3, Ala.			
E. E. Lollar, Brookside, Ala	Colbur, Brookside, Ala		E. E. Lollar.
	Pickle, Brookside, Ala		
	Jones, Brookside, Ala		
	Odon, Brookside, Ala		

Mines in Government possession 15 November 1919—Continued

CMA AREA-II, DISTRICT #13—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Mammoth Coal Mining Co., Box 849, Jasper, Ala.	Mammoth Coal Mining Co., P. O. Box 849, Jasper, Ala.	1417	W. W. Bankhead.
Marigold Coal Mining Co., 114 W 11th Street, Kansas City, Missouri.			
Marion-Bledsoe Coal & Coke Co., Pikeville, Tenn.	Mine #175, Route #2, Pikeville, Tenn.		R. E. Mingher.
Moss & McCormack Coal Co., Inc., 1902 First National Bldg., Birmingham 3, Ala.	Jagger Mine, Nauvoo, Ala.	2031	Howard Moss.
Moss & Thornton, P. O. Box 577, Jasper, Ala. (2200-B).	Radiant, Nauvoo, Ala. Carbon, Warrior, Ala.	15 76	
Naramore Coal Co., Cordova, Ala.	New Riceton, Cordova, Ala.	1701	W. A. Naramore.
New Castle Coal Co., First National Bldg., Birmingham 3, Ala.	New Castle #2, Newcastle, Ala.	47	C. McCormack.
Paramount Coal Co., 2300 Fifth Ave., South Birmingham, Ala.	Paramount #7-10, Helena, Ala.	58	T. D. Abernathy.
Piedmont Coal Co., Route #1, Empire, Ala.	Paramount #12, Helena, Ala	2180	
Railway Fuel Co., Transportation Bldg., Birmingham 3, Ala.	Johnson #1, Dora, Ala		C. Cooley.
Republic Pratt Coal Co., 617 First Nat'l Bank Bldg., Birmingham, Ala.	Farrish Mine, Parrish, Ala	50	N. C. Kieffer.
Republic Steel Corp., Republic Bldg., Cleveland, Ohio (2200-B).	Sayreton #1		B. H. McCrackin.
	Sayreton #2 Sayreton, Ala.		
	Virginia, Virginia, Ala.	1526	
	Sayre	1527	
	Sayre Strip Sayre, Ala.		
Roden Coal Co., 1201 3rd Avenue, No., Birmingham, Ala.			
A. C. Rounsaville Coal Co., R. F. D. #1, Jasper, Tenn.			
Sillavan Coal Co., Jasper, Ala.	Mine #1		K. H. Sillavan.
	Mine #3 Jasper, Ala.		
Sloss-Sheffield Steel & Iron Co., 3131 First Avenue, No., Birmingham 2, Ala.	Flattop Coal Mine, Flattop, Ala.	49	Hugh Morrow.
	Lewisburg Coal Mine, Lewisburg, Ala.	46	
	Bessie Coal Mine, Maben, Ala.	1591	
Walter E. Smithers, Summit #2 Mine, Dora, Ala.			
Southern Cotton Oil Co. (Alta Coal Division), 2109 3rd Ave., North, Birmingham, Ala.	Summit Mine #2, Sumiton, Ala.	1672	W. E. Smithers.
Stith Coal Co., 616-17-18 First Nat'l Bldg., Birmingham 3, Ala.	America #5, America, Ala.	1433	J. R. Wilson.
Tennessee Coal, Iron & R. R. Co., Brown Marx Building, Birmingham 3, Ala.	Aldridge Shaft, America, Ala	31	
	Hamilton, Box BB, Pratt City, Ala.	51	Robert Gregg.
	Wylam, Box 270, Fairfield, Ala.	66	
	Docena, R. F. D. #2, Adamsville, Ala.	61	
	Edgewater, R. F. D. #8, Box 391, Wylam, Ala.	63	
	Short Creek, Box BB, Pratt City, Ala.	1724	
Tennessee Consolidated Coal Co., Tracy City, Tenn.	Tennessee Consolidated Coal Co. (Palmer Mine). Whitwell Coal Corporation, (Whitco Mine), Tracy City, Tenn.		S. C. Hampton.
Tennessee Products Corp., American Nat'l Bank Bldg., Nashville, Tenn.	Reel's Cove Mine, Whitwell, Marion County, Tennessee	2021	Carl McFarlin.
Tombrello Coal Co., Inc., Cardiff, Ala.	Brazil Hollow, Cardiff, Ala.	383	Sam Tombrello.
Trussell & Sons Coal Co., Porter Street, Winchester, Tenn.	Udora #1, Udora, Ala.	1706	Ole Trussell.
Twin Seam Mining Co., 6 First Nat'l Bank Bldg., Tuscaloosa, Ala.	Mine #5, Searles, Ala.	40	J. N. Brook.
	Kellerman Mine, Kellerman, Ala.	1445	
Whitwell Coal Corp., Tracy City, Tenn.	Whitwell Coal Corp. (Whitco Mine), Tracy City, Tenn.		S. C. Hampton.

Mines in Government possession 15 November 1946—Continued

CMA AREA II, DISTRICT #13—Continued

Minifig company and address	Mine name and address	Index No.	Operating manager
D. F. Winn, Goodsprings, Ala	Winn, Aldridge-Cordova Road, Alabama.	668	D. F. Winn.
Woodward Iron Co., Woodward, Ala	Dolomite Mine, Woodward, Ala.	62	H. A. Berg.
	Mulga Mine, Woodward, Ala	64	

CMA AREA III, DISTRICT #3

Robert Gage Coal Company, South Euclid Avenue, Bay City, Michigan.	Unionville Mine #10, Unionville, Michigan.	.....	John A. Coryell.

CMA AREA III, DISTRICT #10

Beaucoup Coal Co., Inc., R. F. D. #4, Pinckneyville, Ill.	.....	.....	Hauck Taylor.
Beli & Zoller Coal & Mining Company, 307 N. Michigan Avenue, Chicago, Ill.	Mine No. 1, Zeigler, Ill	191	W. P. Young.
	Mine No. 2, Zeigler, Ill	192	
Beveridge Coal Co., P. O. Box 266, Sparta, Ill.	Beveridge Coal Co., Mine #2, Sparta, Ill., Box 266.	1125	Hector Beveridge.
Blue Hill Coal Co., 804 S. Vicksburg, Marion, Ill.	Orchard, Pittsburg, Ill	92	W. P. Hill.
Blue Lake Coal Co., Catlin, Ill	Blue Lake Coal Co., Catlin, Ill.	1632	C. W. Thomas.
Bois Coal Co., Dubois, Ill	Kuhn Mine, Dubois, Washington County, Illinois.	16	John Waligorski.
Centralia Coal Co., 307 North Michigan Avenue, Chicago 1, Ill.	Mine #5, Centralia, Ill	29	H. F. McDonald.
Chicago, Wilmington & Franklin, Coal Company, 332 South Michigan Ave., Rm. 407, Chicago 4, Ill.	Orient, Orient, Ill	124	George B. Harrington.
	New Orient, West Frankfort, Ill.	108	
Citizen's Coal Co., Breese, Ill	East Breese, Ill	43	F. B. Lieman.
Citizens Mining & Sales Co., 507 Central Nat'l. Bank Bldg., Peoria 2, Ill.	.....	.....	John Bintges, Jr.
Consolidated Coal Co., Railway Exchange Bldg., St. Louis, Mo.	Buckhorn Mine, Herrin, Williamson County, Ill.	18	W. J. Jenkins.
	Lake Creek Mine, Herrin, Williamson County, Ill.	2001	
	Mine #20, Nason, Jefferson County, Ill.,		
Crain Coal Co., Percy, Ill	Crain Coal Co., Percy, Ill	34	Sig. Schrader.
Cutler Coal Co., Inc., Cutler, Ill			Andy Pugh.
Delta Collieries Corp., 430 Big Four Building, Indianapolis, Ind.	Delta Mine, Box 151, Marion, Ill.	1561	J. B. F. Melville
Down State Coal Co., P. O. Box 269, Marion, Ill.	Admiral Mine #1, Energy, Ill.	2020	G. C. Skinner.
Eddy Coal Co., Centralia, Ill			Bryan Eddie.
Edgar County Coal Co., Route #3, Paris, Ill.	Edgar County Coal Co., Paris, Ill.	961	A. J. Fourtuna.
Fairview Collieries Corp., 165 S. Meridian Street, Indianapolis, Ind.	Flamingo, Fairview, Ill	1450	James B. F. Melville.
Franklin County Coal Corp., LaSalle Street, Chicago, Ill.	135 South Royalton #7, Royalton, Ill.	.....	151 E. R. Kegler.
	Energy #5, Herrin, Ill	44	
Freeman Coal Mining Corp., 120 W. Adams Street, Chicago 3, Ill.	Freeman Mine #54	.....	J. Roy Browning.
	Seymour Mine #55, Herrin, Ill.	.....	
French Coal Co., R. R. #4, Streator, Ill	French Coal Co., Streator, Ill.	535	John McNeil.
G & M Coal Co. (Ghisbaudy Nore), 225 Elk North Street, Westville, Ill.	Mine #1475, R. R. #1, Catlin, Ill.	.....	Martin Mackovic.
Knoxville Mining Co., Knoxville, Ill	Knoxville Mining Co., Knoxville, Ill.	598	Carl Bowman.
Lemon & McKelvey Coal Co., R. F. D. #3, Sparta, Ill.	Mine #1127, R. F. D. #3, Sparta, Ill.	.....	G. A. Lemon.
Little John Coal Co., 1016 Merchants Bank Building, Indianapolis, Ind.	Little John Mine, Victoria, Ill.	84	R. H. Sherwood.
Little Sister Coal Corp., 310 S. Michigan Avenue, Chicago 4, Ill.	Little Sister, St. David, Ill	87	William H. Cooke.
McLaren Coal Co., Marion, Ill. (taken over by P. R. S., Inc., Carterville, Ill.).	McLaren #1, Carterville, Ill	94	W. S. McLaren.
Marion County Coal Mining Co., Box 421, Centralia, Ill	Glenridge, Centralia, Ill	58	Bert Jolliff.

Mines in Government possession 15 November 1946—Continued

CMA AREA III, DISTRICT #10—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Middle Road Coal Co., R. R. #1 Farmington Road, Peoria, Ill.	Middle Road Coal Co., R. R. #1 Farmington Road, Peoria, Ill.	766	Leroy Farrow.
Midland Electric Coal Corp., 1300 Fletcher Trust Bldg., Indianapolis, Ind.	Atkinson Mine, Atkinson, Ill.	2	T. C. Mullins.
	Middle Grove Mine, Farmington, Ill.	95	
	Rapatee Mine, Farmington, Ill.	1517	
Moffat Coal Co., 172 W. Broadway, Sparta, Ill.	Moffat, Sparta, Ill	99	J. D. Moffat.
Morgan Coal Co., 19 W. 38th Street, Indianapolis, Ind. (also in D-9 and D-11).	Bryant, Lenastown, Ill	1485	Fred C. Morgan.
Moren Coal Co., 302 E. Jackson, Marion, Ill.	Moren, R. R. #2 Marion, Ill	1201	L. C. Boatright.
Morris Coal & Mining Co., Box 311, Morris, Ill.	Morroco, Box 311, Morris, Ill.	503	Ralph C. McElvain.
New Watson Coal Co., 907 N. Garfield, Marion, Ill.	New Watson Coal Co., Energy, Ill.	109	Kenneth McDonald.
Northern Illinois Coal Corp., 310 South Michigan Avenue, Chicago 4, Ill.	Mine #10, Wilmington, Ill	189	Thomas C. Mullins.
Northwestern Illinois Coal Corp., 310 South Michigan Avenue, Chicago 4, Ill.	Northwestern Illinois Coal Corp., Morris, Ill.	2016	Thomas C. Mullins.
Oakwood Coal Co., Route #1, Oakwood, Ill.	Oakwood Coal Co., Oakwood, Ill.	1015	Romeo Zamberletti.
Old Ben Coal Corp., 230 Clark Street, Chicago 4, Ill.	Old Ben No. 8	118	D. W. Buchann.
	Old Ben No. 9 West Frankfort, Ill.	2006	
	Old Ben No. 11, Christopher, Ill.	119	
	Old Ben No. 14, Buckner, Ill.	120	
	Old Ben No. 15, West Frankfort, Ill.	121	
Osage Coal Co., Box #12, Ottawa, Ill.	Osage Coal Co. Mine #1, Ottawa, Ill.	125	George E. Nettels.
P. I. S. Incorporated, Carterville, Ill. (took over McLaren Coal Co.).			
Peabody Coal Co., 231 LaSalle Street, Chicago 4, Ill (also in D-7).	Mine No. 7, Kincaid, Ill	63	S. Peabody.
	Mine No. 8, Tovey, Ill	64	
	Mine No. 9	65	
	Mine No. 58, Taylorville, Ill.	66	
	Mine No. 14, DuQuoin, Ill.	91	
	Mine No. 18, West Frankfort, Ill.	9	
	Mine No. 47, Harco, Ill	62	
	Mine No. 53		
	Mine No. 57	25	
	Mine No. 59, Springfield, Ill.	132	
	Carter Processing Plant, Kincaid, Ill.	27	
Pekin Coal Mining Co., E. Broadway, Pekin, Ill.	Pekin Coal Mining Co., Pekin, Ill.	819	C. R. Janssen.
Peru Deep Vein Coal Co., c/o United Coal Co., 112 E. 5th Street, Peru, Ill.	Blackhawk #3, 1411 Water Street, Peru, Ill.	73	E. E. Alger.
Pioneer Coal Co., 310 National Bank Bldg., Pittsburg, Kansas (also in D-15).	Pioneer Mine #2, Sheffield, Ill.	1537	H. H. Spencer.
Pschirrer & Sons Coal Co., R. R. #4, Canton, Ill.	Kildee #3, R. R. #4, Canton, Ill.	78	A. R. Pschirrer.
Pure Coal Company, Beckemeyer, Ill.	Pure Coal Co., Beckemeyer, Ill.	6	D. W. Beggs.
Pyramid Coal Corp., 230 N. Michigan Avenue, Chicago 1, Ill. (also in D-41).	Pyramid Mine, Pinckneyville, Ill.	142	Hubert E. Howard.
Rock Island Improvement Co., 139 W. Van Buren Street, Chicago, Ill.	Mine No. 1, Box 277, Peoria, Ill.	81	James Hope.
Smith Coal Co., Marissa, Ill.	"O-Kay" Mine, Marissa, Ill	114	George E. Smith.
Solar Mining Co., 307 N. Michigan Avenue, Chicago 1, Ill.			Frank Kolbe.
Spring Valley Coal Mining Co., R. R. #1, Box 75-B, Spring Valley, Ill.	Mine #3, Spring Valley, Ill		B. De Filippe.
Sunrise Coal Co., Cambria, Ill.	Sunrise No. 2, Cambria, Ill.	1225	W. H. Johns.
W. G. Sutton, Box 207, Minonk, Ill.			W. G. Sutton.
Tilton Mining Co., 6. No. Vermilion Street, Danville, Ill.	Tilton Mining Co., Danville,	9 171	William A. Martin.
Truax-Traer Coal Co., 310 S. Michigan Ave., Chicago 4, Ill. (also in D-8).	Flatt, Flatt, Ill	46	A. H. Truax.
	Burning Star, Elkville, Ill	49	

Mines in Government possession 15 November 1946—Continued

CMA AREA III, DISTRICT #10—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Triple "S" Mines, R. R. #1, Cuba, Ill	Triple "S" Mines, Cuba, Ill	738	David E. Rowland.
Union Coal Co., 112 E. 5th Street, Peru, Ill.	Union, 112 E 5th Street, Peru, Ill.	175	John J. Walsh.
Union Colliery Co., 606 Union Electric Bldg., 315 N. 12th Blvd., St. Louis, Mo.	Kathleen Mine No. 1, Dowell, Ill.	77	J. W. McAfee.
	Kathleen Mine No. 2, DuQuoin, Ill.		
United Electric Coal Co., 307 N. Michigan Avenue, Chicago 1, Ill.	Buckheart Mine, Canton, Ill	17	Frank F. Kolbe.
	Cuba Mine, Box 166, Cuba, Ill.	35	
	Fidelity Mine, Du Quoin, Ill	47	
	Red Ray, Freeburg, Ill	145	
	Solar, Rushville, Ill	1353	
United States Coal & Coke Co., 1315 Frick Building, Pittsburgh, Pa. (also in D-7 and D-8).	Mine No. 21, Bunsenville, Ill		Harry N. Moses.
Valier Coal Co., 547 W. Jackson Blvd., Chicago, Ill.	Valier No. 1, Valier, Ill	176	T. J. Thomas.
Wallace Coal Co., Bank of Marion Bldg., Marion, Ill.	Wallace Coal Co., Bank of Marion Bldg., Marion, Ill.	182	George A. Wallace.
Wilkins & Biggs Coal Co., 106 E. Boulevard, Marion, Ill.	Wilkins & Biggs Coal Co., Marion, Ill.	2002	Arleigh Wilkins.
Wilmington Coal Mining Corp., Box 311, Morris, Ill.	Braidwood, Box 311, Morris, Ill.	515	Ralph C. McElvain.

CMA AREA III DISTRICT #11

Ayrshire Collieries Corp., 105 S. Meridian St., Indianapolis, Ind.	Ayrshire, Box 128 Princeton-Ayrshire, Oakland City, Ind.	5	J. B. F. Melville.
	Patoka, Box 128 Princeton-Ayrshire, Oakland City, Ind.	41	
	Clinton, Box 176 Brazil-Clinton, Clinton, Ind.	22	
	Chinook, Box 8, Brazil-Clinton, Staunton, Ind.	121	
Big Bend Collieries, Inc., Box 293, Brazil, Ind.	Big Bend Collieries, Inc	7	Frampton Rockhill.
	Birch Creek Coal Co., Inc., Brazil, Ind.	8	
Big Oak Coal Co. (Andrew Marcinko), Blanford, Ind.	Big Oak Coal Co., Blanford, Ind.	988	Andrew Marcinko.
Black Hawk Coal Corp., 111 North 7th St., Terre Haute, Ind.	Black Hawk, R. R. #4, Terre Haute, Ind.	10	Henry P. Smith.
Blackfoot Coal & Land Corp., 907-11 Citizens Bank Bldg., Evansville, Ind.	Blackfoot Coal & Land Corp., Oakland City, Ind.	9	Charles C. Kerwin.
Walter Bledsoe & Company, Merchants National Bank Bldg., Terre Haute, Ind.	Saxton Mine, North 13th Street Road, Terre Haute, Ind.	75	W. S. Webster.
Booneville Coal Sales Corp., 101½ N. Third Street, Booneville, Ind.			
Brazil Block Coal & Clay Co., Inc., 125 S. Walnut Street, Brazil, Ind.	Brazil Block Mine, Carbon, Ind.	14	Otto W. Underwood.
Briggs Coal Co. (George W. Briggs, Sr.), R. F. D. No. 3, Oakland City, Ind.			George W. Briggs, Sr.
Butterman Mining Co., R. F. D. No. 3, Rockville, Ind.	Butterman, R. R. #3, Rockville, Ind.	447	Lee Ray Butterman.
Cedar Valley Mining Corp., 610 Tribune Building, Terre Haute, Ind.	Cedar Valley, Mackey, Ind	2010	Ernest Butterman.
Central Indiana Coal Co., 1016 Merchants Bank Bldg., Indianapolis, Ind.	Nottingham, Linton, Ind	111	R. H. Sherwood.
Chesser Coal Corp., R. R. No. 2, Washington, Ind.	Chesser, Washington, Ind	288	Faye R. Chesser.
Deep Rock Coal Co., Seelyville, Ind	Deep Rock Coal Co., Seelyville, Ind.	153	Floyd R. Gibson.
Dugger Domestic Coal Co., R. F. D. No. 5, Sullivan, Ind.	Domestic, No. 2, R. F. D. No. 5, Sullivan, Ind.		D. M. Lippeatt.
Enos Coal Mining Co., 1101 Guardian Building, Cleveland 14, Ohio.	Enos, Oakland City, Ind	36	Fred S. McConnell.
G & F Corp., Hawkins Building, Brazil, Ind.	Hickory, Brazil, Ind	232	Lee Girton.
Steve Gall Coal Mine, Dugger, Ind			Steve Gall, Sr.
Gillespie Coal Co., Brazil, Ind. (2200-B)	Gillespie, Lyons, Ind		Curtis W. Gillespie.

Mines in Government possession 15 November 1946—Continued

CMA AREA III, DISTRICT 11—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Glendora Coal Co., 19 S. Sixth Street, Terre Haute, Ind.	Glendora #28, Sullivan, Ind	60	C. N. Templeton.
Hickory Grove Coal Mining Corp., 315 Alexander St., Rochester 4, N. Y.	Minnehaha, Cass Township, Sullivan County, Ind.	60	L. G. Fitch.
Ingle Coal Corp., R. F. D. No. 1, Elberfield, Ind.			David Ingle, Sr.
Knox Consolidated Coal Corp., 456 Consolidated Bldg., Indianapolis, Ind.	Mine No. 1, Bickwell, Ind	48	W. M. Zeller.
	Mine No. 2, Bickwell, Ind	49	
	Mine No. 5, Bickwell, Ind	1459	
Linton Summit Coal Co., 19 South Sixth Street, Terre Haute, Ind.	New Hope Mine, Linton, Ind.	63	C. N. Templeton.
	Regent Mine, Sullivan, Ind	2025	
Lone Star Coal Co., 609 Tribune Building, Terre Haute, Ind.	Lone Star, Staunton, Ind	55	Leo Girton.
	Royal Splint, Fontanet, Ind	103	
	Dixie Line, Ehimandale, Ind	118	
Lucky Strike Mining Co., Inc., P. O. Box 233, Boonville, Ind.	Lucky Strike Mine, Boonville, Ind.	57	R. H. Manny.
Marah Hill Super Block Coal Co., 8 South Michigan Avenue, Chicago, Ill.	Marah Hill No. 1, Dale, Ind.	58	Harold D. Wright.
Maumee Collieries Co., 321 Ohio Street, Terre Haute, Ind.	Commodore, Clay City, Ind	26	Hugh B. See.
	Mine No. 17, Clay City, Ind	68	
	Mine No. 20, Terre Haute, Ind.	21	
	Mine No. 26, Linton, Ind	1294	
	Mine No. 27, Linton, Ind	2011	
	Mine No. 28, Linton, Ind	2012	
	Mine No. 29, Clay City, Ind	2026	
	Mine No. 30, Linton, Ind		
Morgan Coal Company, 19 W. 38th Street, Indianapolis, Ind. (also in D-9 and D-10).	King Man, Kingman, Ind	106	Fred C. Morgan.
Mt. Pleasant Mining Corp., R. R. No. 4, Terre Haute, Ind.	Mt. Pleasant Mining Corp., R. R. No. 4, Terre Haute, Ind.	1381	Gerald Denton.
Navel & West, R. F. D. No. 3, Rockville, Ind.	Wimmer Mine No. 2, Rockville, Ind.	1398	Thos. Navel.
North West Coal Corp., Blanford, Ind	North West Coal Corp., Blanford, Ind.	681	John D. Vrabus.
			Basil Hays.
North Wilfred Coal Co., R. F. D. No. 1, Shelburn, Ind.			
Princeton Mining Co., 111 No. 7th Street, Terre Haute, Ind.	Kings Mine, Princeton, Ind.	47	Henry P. Smith.
Public Service Company of Ind., Inc., 110 N. Illinois Street, Indianapolis, Ind.	Dresser Mine, Terre Haute, Ind.	1332	G. J. Oglesbay.
Pyramid Coal Corp., 230 No. Michigan Avenue, Chicago, Ill. (also in D-16).	Victory Mine, Seelyville, Ind	1354	Hubert E. Howard.
Rio Grande Coal Corp., R. D. #1, Brazil, Ind.	Mine No. 2, Brazil, Ind	271	J. F. Mershon.
Shasta Coal Corp., 230 No. Michigan Avenue, Chicago, Ill.	Shasta Mine, Bicknell, Ind	2014	Hubert E. Howard.
Sherwood Templeton Coal Co., 1016 Merchants Bank Building, Indianapolis, Ind.	Friar Tuck Mine, Linton, Ind.	108	R. H. Sherwood.
	Robin Hood Mine, Linton, Ind.	73	
H. S. Siepman, Coal Co., Coalmont, Ind.	Alum Cave, Coalmont, Ind	137	H. A. Siepman.
	Oak Leaf, Coalmont, Ind	65	
Sisters of Providence, St. Mary of the Woods, Indiana.	St. Marys Mine		Mother Mary Bernard.
Snow Hill Coal Corp., 410 Merchants Bank Bldg., Terre Haute, Ind.	Talleydale Mine, Box 808, Terre Haute, Ind.	90	W. S. Webster.
Sommerville Coal Co., Sommerville, Ind. (2300-B).			William E. Bowers.
Southern Indiana Mining Corp., 610 Tribune Bldg., Terre Haute, Ind.			Henry Zimmermann.
Spring Hill Mine, 1454 S. 17th Street, Terre Haute, Ind.			
Standard Materials Corp., 2300 Kentucky Avenue, Indianapolis, Ind.	Standard Mine No. 1, Box 92, Clinton, Ind.	1373	Christene McDougard.
Sunlight Coal Co., 310 S. Michigan Avenue, Chicago, Ill.	Sunlight Coal Co., Boonville, Ind.	87	T. C. Mullins.
Tecumseh Coal Corp., 310 S. Michigan Avenue, Chicago, Ill.	Tecumseh Coal Corp., Boonville, Ind.	105	T. C. Mullins.

Mines in Government possession 16 November 1946—Continued

CMA AREA III, DISTRICT #12

Mining company and address	Mine name and address	Index No.	Operating manager
Blackstone Coal Co., 96 University Avenue, Des Moines, Iowa.			V. P. Smith.
Blakesburg Deep Vein Coal Co., Blakesburg, Iowa.			R. A. Smith.
Central Service Co., 100 Maple Street, Des Moines 3, Iowa.	Central No. 6, 74th & Douglas Aye, Des Moines, Iowa.	261	Joseph Muelhaupt.
Dallas Fuel Co., 641 Insurance Exchange Bldg., Des Moines, Iowa.	Dallas, Granger, Iowa	11	B. J. Powers.
Graham Coal Co., Box 430, Albia, Iowa			J. E. King.
Hopkins Coal Co., 108 N. Lincoln Street, Colfax, Iowa.	Hopkins #4, Colfax, Iowa	338	R. E. Hopkins.
Jensen Coal Co., 310 Sixth Street, Des Moines, Iowa.	Fort Dodge Mine, Jensen #2 (Fraser) Mine.	519	G. B. Jensen.
Arch Jones Coal Co., Chariton, Iowa	Arch Jones Coal Co., Chariton, Iowa.	834	Arch Jones.
Merle-Hay Coal Co., Route #1 Merle Hay Road, Des Moines, Iowa.	#1 Beck Coal Mine, Route No. 1 Des Moines, Iowa.		N. D. Wilhite.
Midway Coal Co., R. F. D., Centerville, Iowa.			John McConville.
New Block Coal Co., 517 E. Walnut St., Centerville, Iowa.			Frank Casaly.
New Enterprise Coal Co., Rathbun, Iowa.	New Enterprise Coal Co., Rathbun, Iowa.	18	Joe Swab.
Old King Coal Co., E. Jackson Street, Centerville, Iowa.			M. M. VanDyke.
Pershing Fuel Co., 221 Iowa Building, Des Moines, Iowa.			Ralph Bannister.
Powell Coal Co., 1219 Southern Surety Bldg., Des Moines, Iowa.	Indiana Consolidated No. 3, R. F. D. #3 Chariton, Iowa.	28	Bert Powell.
Rathbun Coal Co., Rathbun, Iowa.			L. B. Harbour.
Shuler Coal Co., 507 Equitable Bldg., Des Moines, Iowa.	Shuler Mine, Waukee, Iowa	57	John D. Shuler.
Sunshine Coal Co., 118 N. 12th Street, Centerville, Iowa.	Sunshine No. 3 Sunshine No. 4	64	J. R. Hamm.

CMA AREA IV, DISTRICT #14

Alix Big Four Coal Co., Alix, Ark., (Operates New Alix Coal Co., Alix, Ark.)			
Arkansas Coal Mining Co., Box 292, Mansfield, Ark.			
Arkansas Stripping Co., Pyramid Bldg., Little Rock, Ark.	Rubaiyat, Clarksville, Ark.	1050	J. W. Bruton.
Barr Excelsior Coal Co., Hackett, Ark.	Barr #2, Hackett, Ark.	2	R. W. Barr.
J. M. Bates Coal Co., Hartford, Ark.	#2, Hartford, Ark	170	O. O. Nance.
Bernice Anthracite Coal Co., Russellville, Ark. (2200-B).	Bernice #4, Russellville, Ark	1022	J. G. Puterbaugh.
Big Four Coal Co., Bokoshe, Okla.			
Black Diamond Coal Co., Bokoshe, Okla.			
Bokoshe Coal Co., Bokoshe, Okla.	Bokoshe #3, Bokoshe, Okla.	622	C. R. Oglesby.
Boyd Excelsior Fuel Co., Box 372, Fort Smith, Ark.	Boyd Excelsior Mine, Fort Smith, Ark.	13	Degen Boyd.
Buck Creek Coal Mining Co., Cameron Coal Co., 1302 Commerce Bldg., Kansas City, Mo.	Cameron #2, Williams, Okla.	15	D. Durkee.
Collier-Dunlap Coal Co., Clarksville, Ark.	Collier-Dunlap, Clarksville, Ark.	21	H. W. Collier.
Cunningham Coal Co., Poteau, Okla.	Cunningham Coal Co. Mine, Poteau, Okla.	1042	C. Cunningham.
Davies & Swindle Coal Co., Bokoshe, Okla.	#3, Bokoshe, Okla.	621	T. E. Davies.
Dixie Two Coal Co., Box 546, Paris, Ark.	Horse Shoe, Paris, Ark.	52	B. C. Reed.
Excelsior Thin Vein Coal Co., Hackett, Ark.			
Clifford Gaither Coal Co., Poteau, Okla. (formerly Poteau Chief Mng. Co., Poteau, Okla.).	Victory Coal Co., Chief Mine, Poteau, Okla.	123	Thomas Harper, Esq.
Franklin County Coal Co., Ozark, Arkansas (leased to Peerless Coal Co., Greenwood, Ark.).			W. H. Lewis.

Mines in Government possession 15 November 1946—Continued

CMA AREA IV, DISTRICT #14—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
H. & H. Coal Co. (J. D. Hill), Paris, Ark.	Eureka, Paris, Ark.	132	J. D. Hill.
A. M. Hobbs Coal Co., Bloomsford, Ark.			
Jackson & Squire Co., Mansfield, Ark.	Huntington, Huntington, Ark.	1004	J. J. Anderson.
	Coal Dale, Coal Dale, Ark.	1037	
Jewel Mining Co., 3740 E. 18th St., Kansas City, Mo.	Jewel, Paris, Ark.	55	George Coville, Jr.
Keener Coals, Inc., Bokoshe, Okla.	Keener #3, Bokoshe, Okla.	213	Raymond L. Ellis.
New Alix Coal Co., Alix, Ark. (Operated by Alix Big Four Coal Co., Alix, Ark.).			
New Matchless Coal Co., Rt. #1, Box 1, Poteau, Okla.			
New Shickley Mining Co., Paris, Ark.	Ideal #1 Mine, Paris, Ark.	53	A. J. Mitchell.
New Union Coal Co., Paris, Ark.	New Union Mine, Paris, Ark.	77	A. L. Mitchell.
E. H. Noel Coal Co., Box 716, Fort Smith, Ark.	Sun Excelsior, Fort Smith, Ark.	144	E. H. Noel.
Number Six Smokeless Coal Co., Altus, Ark.			
Oronogo Mutual Mng. Co., Oronogo, Mo.	Bates, Bates, Ark.	124	Guy H. Waring.
Panther Coal Co., Route 2, McCurtain, Okla.	Krisher #1, McCurtain, Okla.	177	Mathias Krisher.
Paris Coal Washery Inc., Paris, Ark.	Washery, Paris, Ark.	1000	B. C. Reed.
Paris Purity Coal Co., Box 406, Paris, Ark.			
Peerless Coal Co., Greenwood, Ark.	Peerless #4		W. H. Lewis.
Quality Coal Co., 310 Sage St., Poteau, Okla.	Quality #3, Poteau, Okla.	87	Tony Zagar.
Quality Excelsior Coal Co., Greenwood, Ark.	Quality, Greenwood, Ark.	89	Isaac Lewis.
Rock Island Coal Co., Rock Island, Okla.	Rock Island Coal Co., Rock Island, Okla.	203	H. F. McMahon.
Ruby Glow Mining Co., Box 31, Clarksville, Ark.	Ruby Glow, Clarksville, Ark.	206	W. C. Roberts.
Smokeless Coal Co., Midland, Ark.			
Smokeless Coal Co., Inc., Clarksville, Ark.			
Stewart Smokeless Coal Co., Denning, Ark.	#2, Denning, Ark.	104	Pete Stewart, Jr.
Superfuel Coal Co., Paris, Ark.			
Victor Coal Co., Paris, Ark.	Victor, Paris, Ark.	116	B. C. Reed.
Watson Coal Co., Paris, Ark.			
Wells Royal Coal Co., Poteau, Okla.	Dane, Poteau, Okla.	23	V. P. Sorrels.

CMA AREA IV, DISTRICT #15

A. and P. Coal Co., P. O. Box 55, Haileyville, Okla.			
Alston Coal Co., 217 National Bank Bldg., Pittsburg, Kansas.	Alston Coal Co., Mindenmines, Mo.	5	James F. Blann, Jr.
Apex Coal Co., 210 Globe Bldg., Pittsburg, Kansas.	Apex Mines, Pittsburg, Kansas.	6	L. E. Compton.
Atlas Coal Corp., Box 719, Henryetta, Okla.	Atlas Mine, Henryetta, Okla.	1312	Fred Steckelberg.
Ben Hur Coal Co., Box 839, Morgan Bldg., Henryetta, Okla.	Blackstone Mine, Henryetta, Okla.	16	R. E. Taylor.
Binkley Mng. Co. of Mo., 230 N. Michigan Ave., Chicago, Ill.	Bevier Mine, P. O. Box 223, Macon, Mo.	13	Hubert E. Howard.
Black Crown Coal Co., R. F. D. #1, Pittsburg, Kansas.	Black Crown #2, Pittsburg, Kansas.	2008	Henry Wilson.
Boothe Coal Co., Inc., Mosby, Mo.	Boothe #1, Mosby, Mo.	450	C. C. Tapp.
Cherokee Coal Co., Cherokee, Kansas.	Kruger Mine, Cherokee, Kansas.	71	Tony Blayic.
Clemens Coal Co., 312 Globe Bldg., Pittsburg, Kansas.	#23, Foxtown, Kansas.	33	George M. Mackie, Jr.
Coalton Coal Co., 414½ Main St., Henryetta, Okla.	#22, Mulbery, Kansas.	32	
Collins Coal Co., Box 275, Krebs, Okla.	Jealton, Henryetta, Okla.	34	D. L. Hughes.
Eagle Cherokee Coal Mng. Co., R. F. D. #3, Pittsburg, Kansas.	Collins Mine, Krebs, Okla.	35	L. F. Halstead.
	The Eagle Cherokee Coal Mining Co., P. O. Box 385, Pittsburg, Kansas.	47	W. G. Parrott.
Elmira Coal Co., Box 752, Excelsior Springs, Mo.			

Mines in Government possession 15 November 1946—Continued

CMA AREA IV, DISTRICT #15—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Julian Coal Mining Co., Arnote Bldg., McAlester, Okla.			
K. & L. Coal Co., Box 64, Haileyville, Okla.			
Kelly-Carter Coal Co., 217 National Bank Bldg., Pittsburg, Kansas.	Kelly-Carter Coal Co., Garland, Kansas.	147	James J. Blann, Jr.
Lightning Creek Coal Co., 209 Globe Bldg., Pittsburg, Kansas.	Lightning Creek Mine, Pittsburg, Kansas.	2010	L. E. Compton
McGrath Coal Co., Inc., 924 East 7th St., Pittsburg, Kansas (now operated by Yale Coal Co., R. F. D. #1, Pittsburg, Kans.).	McGrath #1, 924 E 7th St., Pittsburg, Kansas	2022	Glen D. Clark.
The Mineral Products Co., The National Bank Bldg., Kansas City 6, Mo.	Coal Recovery Hill, West Mineral, Kansas.	111	George Nettels.
Mosby Coal Co., Excelsior Springs, Mo.			
Muilen Coal Co., McAlester, Okla. (2200-B).			
Pioneer Coal Co., 310 National Bank Bldg., Pittsburg, Kansas (also in D-10).	Pioneer #3, P. O. Box 179, Nevada, Mo.	1621	H. H. Spencer.
The Pittsburg and Midway Coal Mining Company, 610 Dwight Bldg., Kansas City, Mo.	#15	109	George E. Nettels.
	#18 Central Cleaning Plant, West Mineral, Kansas.	158	
Quality Coal Co., Inc., c/o Sam Thornburg, Frontenac, Kansas.	#1, Arma, Kansas	120	Andrew Allan.
Robinson Coal Co., Box 168, Pleasonton, Kansas.			
Stark Coal, Inc., Box 689, Henryetta, Okla.	#2 Stable	121	Earl Wells.
	#3 Stable Henryetta, Okla.	2	
Warden-Pullen Coal Co., 323 W. Trudgeon St., Henryetta, Okla.	Waren, Henryetta, Okla.	133	Fred C. Pullen.
Windsor Coal Co., Inc., P. O. Box 189, Windsor, Mo.	#2, Newcastle, Mo.	1464	J. G. Poterbaugh.
Yale Coal Co., R. F. D. #1, Pittsburg, Kansas (took over McGrath Coal Co., Inc.).			

CMA AREA V, DISTRICT #16

Black Diamond Fuel Company, 1240 Walnut Street, Boulder, Colorado.	Black Diamond, Lafayette, Colorado.	104	James Bertotti.
Boulder Valley Coal Company, Security Life Building, Denver, Colorado.	Boulder Valley No. 3, Dacono, Colorado.	1006	Fred Nesbit.
	Centennial Mine, Louisville, Colo.	3	
C. H. & J. Coal Company, Frederick Colorado (Formerly: Jones, Hutchcraft & Ciocchetti Coal Co.).			
Capitol Coal Company, 16 Ferguson Building, Denver, Colorado.			
Clayton Coal Company, 616 Denham Building, Denver, Colorado.	Morrison Mine, Erie, Colo.	15	H. B. Crandell.
	Washington Mine, Erie, Colorado.	21	
Consolidated Coal & Coke Co., 416 Empire Building, Denver, Colorado.	Baum Mine, Dacono, Colorado.	1	Stanley Blose.
Graden Coal Company, 318 Walnut Street, Denver, Colorado.	Graden Mine, Frederick, Colorado.	121	William E. Russell.
Imperial Coal Company, 515 Denham Building, Denver, Colorado.	Imperial Mine, Erie, Colorado.	10	James Brennan.
Leyden Lignite Company, 801 Tramway Building, Denver 2, Colorado.	Leyden Mine, Jefferson County, Leyden, Colorado.	12	Harry F. Nash.
Louisville-Lafayette Coal Co., 716 Security Building, Denver, Colorado.	Hi-Way Mine, Louisville, Colo.	9	O. Yakes, Jr.
McNeil Coal Corporation, 819 Equitable Building, Denver 2, Colorado.	Sterling Mine, Dacono, Colo.	20	John E. McNeil.
National Fuel Company, 641 Equitable Bldg., Denver 2, Colorado.	Monarch Mine, Louisville, Colo.	13	B. A. Collingham.
	Eagle Mine, St. Vrains, Colo	6	
Pluto Coal Mining Company, 928 Tenth Street, Boulder, Colorado.	Pluto Mine, Superior, Colo.	130	George W. Cowdery.

Mines in Government possession 15 November 1946—Continued

CMA AREA V, DISTRICT #16—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Regal Coal Company (Louis Casper), 510 Cleveland Street, Lafayette, Colorado.			
Wm. E. Russell Coal Company, 318 Walnut Street, Denver, Colorado.	Crown Mine, Superior, Colo Russell Mine, Frederick, Colo.	133 18	William E. Russell.
Shamrock Coal Company, 810 14th Street, Denver, Colorado.	Shamrock Mine, Erie, Colorado.	19	E. G. Wahlen.

CMA AREA V, DISTRICT #17

The Alpine Fuel Company, 108 West Tomichi Street, Gunnison, Colorado.			
American Smelting & Refining Co., Cokedale, Colorado.	Bunsarbo Mine, Cokedale, Colo.	14	C. R. Garrett.
Bear Canon Coal Company, 112 E. Main Street, Trinidad, Colorado.	Bear Canan No. 6, P. O. Valorso, Colo.	9	William G. Plested.
Bear Coal Company, Somerset, Colorado.	Bear Mine, Somerset, Colo.	8	Tony Bear.
Berardi & Berta Coal Company, P. O. Box 31, Florence, Colorado.	Caldirola Mine, P. O. Box 31, Florence, Colorado.	236	Joe J. Berta & Steve Berardi.
Butte Valley Coal Company, Box 542, Walsenburg, Colorado.			
Caldirola Coal Company, Florence, Colorado (2200-B).	Canon Liberty, Florence, Colo.		C. J. Caldirola.
Calumet Fuel Company, 715 Judge Building, Salt Lake City, Utah.	Somerset Mine, Somerset, Colo. Calumet #2 Mine, Delcarbon, Colo.	72 18	Maroni Heiner.
Canon Black Diamond Coal Co., Box 66, Florence, Colo.	Canon Black Diamond Coal Mine, Florence, Colorado.	417	Gene Yellico.
Canon Chief Coal Co., 304 W. Third St., Florence, Colorado.	Canon Chief Coal Co., Florence, Colorado.	342	Dominic Moschetti.
Canon Monarch Coal Company, 521 E. Third Street, Florence, Colorado.	Canon National Mine, Florence, Colo.	215	F. A. Boitz.
Canon National Coal Company, Box 389, Florence, Colorado.	Canon National Mine, Florence, Colo.	239	F. A. Boitz.
Castle Coal Company, Box 197, Durango, Colorado.	Castle Coal Mine, Durango, Colo. Supreme Coal Co., Durango, Colo.	20	Otto Serroui.
Champion Coal Mining Company (Clement Audin & Son), Somerset, Colorado.	Hawks Nest, Somerset, Colo.	208	Clement Audin.
Clark Coal Company, Somerset, Colorado.	Edwards Mine, Somerset, Colo.	264	Paul R. Clark.
Colorado Fuel & Iron Corp., Continental Oil Bldg., Denver 2, Colo.	Frederick, Valdez, Colo Morley, Morley, Colo. Robinson #4, Farr, Colo. Kebler #2, Tiogo, Colo. Pictou, Pictou, Colo Rockvale #3, Canon City, Colo.	32 52 67 42 1011 68	J. S. Besser.
	Crested Butte, Crested Butte, Colo.	25	
Colorado & Utah Coal Co., 704 Boston Bldg., Denver 2, Colo.	Harris Mine, Mt. Harris, Colo.	38	W. J. Thompson.
The Colowyo Coal Co., 704 Boston Bldg., Denver 2, Colo.	Red Wing Mine, Axial, Colo.	362	W. J. Thompson.
W. D. Corley, Jr., 423 E. Cucharras St., Colorado Springs, Colo.			
Cribbs Goodman Coal Co., Box 390, Florence, Colo.	Rex Carbon, Florence, Colo.	349	E. B. Cribbs.
Dick Coal Co., Box 542, Walsenburg, Colo.			
Domestic Coal Co., 2325 Monaco Blvd., Denver, Colo.	Streeter Mine, Axial, Colo.	75	George C. Watson.
Double Dick Coal Co., Box 407, Florence, Colo.	Double Dick Coal Co., Florence, Colo.	382	Tony Sanlarell.
Dunn Coal Co., Box 272, Hayden, Colo. (2200-B)	Sheepy Cat Mine #2, Hayden, Colo.	487	Paul C. Fifield.
Edna Coal Co., Oak Creek, Colo.	Edna Mine, Oak Creek, Colo.	31	V. B. Smith.
Eureka Coal Co., 1017 E. Main St., Trinidad, Colo.	Anchor Mine, Bon Carba, Colo.	4	Lesh Abeyta.
Giordano Coal Co., 302 W. Ninth St., Walsenburg, Colo.			
Giuliano & Sons Coal Co., Box 108, Florence, Colo.	Cedar Canon, Florence, Colo.	21	Louis Giuliano.

Mines in Government possession 15 November 1946—Continued

CMA AREA V, DISTRICT #17—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Gordon Coal Co., Box 542, Walsenburg, Colo.			
Griffiths Coal Mining Co., 1024 Greenwood Avenue, Canon City, Colo.	Chandler Creek Mine, Canon City, Colo.	37	Elizabeth Griffiths.
Hall Bros. Coal Co., First National Bank Bldg., Trinidad, Colo.	Kenneth, Rugby, Colo	43	Frank H. Hall.
Hayden Coal Co., 920 First National Bank Bldg., Denver 2, Colo.	Hayden #3, Haybro, Colo	39	G. W. Harris.
Hesser & Gerner, Rusty Coal Mine, Steamboat Springs, Colo. (2200-B).			
Huerfano Coal Co., 746 Equitable Bldg., Denver 2, Colo.	Ludlow Mine, Ludlow, Colo	47	N. C. Anderson.
Juanita Coal & Coke Co., Bowie, Colo	King, Bowie, Colo	45	L. T. Rule.
Kerr Coal Co., Mesa County, Cameo, Colo.			
Keystone Coal Co., Security Life Bldg., Denver 2, Colo.			
Edward Lasnik, Hayden, Colo.			
Major Coal Co., Box 272, Walsenburg, Colo.			
Minnequa Coal Co., 648 Equitable Bldg., Denver 2, Colo.	Morning Glory Mine, Box 182, Walsenburg, Colo.	53	S. M. Thompson.
Moffat Coal Co., 506 G & E Bldg., Denver 2, Colo.	#2	51	B. W. Snodgrass.
	#3	58	
	Oak Creek, Colo.		
Oliver Coal Co., Box 36, Paonia, Colo.	The Oliver Mine, Paonia, Colo.	60	J. O. Hovgard.
Phelps Dodge Corporation (Stag Cannon Branch), Dawson, New Mexico.	Dawson #6, Dawson, New Mexico.	27	G. O. Arnold.
Ramsay Coal Co., P. O. Box "C," Hayden, Colo.			
Royal Gorge Coal Co., 107 South 4th St., Canon City, Colo.			
St. Louis, Rocky Mountain & Pacific Co. Investment Bldg., Raton, New Mexico.	Koehler Mine, Koehler, New Mexico.	518	J. van Houten.
	Van Houten Mine, Van Houten, New Mexico.	68	
	Brilliant #2 Mine, Brilliant, New Mexico.	77	
South Canon Mines, Glenwood Springs, Colo.	South Canon Mine #1	74	Rees Llufellyn.
	South Canon Mine #2		
	Glenwood Springs, Colo.		
Taylor Coal Mining Co., Box 149, Walsenburg, Colo	Rouse	49	Sam T. Taylor.
	Rapson	511	
	Cook	519	
	Box 149		
	Walsenburg, Colo.		
Thor Fuel Co., 1322 San Juan, Trinidad, Colo.	Thor Fuel Co., Route 2, Trinidad, Colo.	78	Eph Wagstoff.
Vanadium Corp. of America, Uravan, Colo. (2200-B).	Fiddling Bill, Naturita, Colo.	1002	D. W. Viles.
Vento Coal Co., 717 W. 31 St., Florence, Colo.			
Victor-American Fuel Co., E. & C. Bldg., Denver 2, Colo.	Delagua, Delagua, Colo	28	H. E. MacDonald.
	Pinnacle, Oak Creek, Colo	62	
	Wadge, Mt. Harris, Colo	82	
Victory Coal Co., 115 E. 8th St., Durango, Colo.	Victory Mine, Durango, Colo.	521	William Gerard.

CMA AREA V, DISTRICT #18

Albuquerque & Cerrilos Coal Co., Madrid, N. Mex.	Jones	11	Oscar Huber.
	Lar. b		
	#4		
	#8		
	Madrid, N. Mex.		
Biava Coal Co., Box 247, Gallup, N. Mex. (2200-B).	Biava Coal Co., Box 247, Gallup, N. Mex.	103	John A. Biava.
Defiance Coal Co., Box 446, Albuquerque, N. Mex.	Mentmore, Mentmore, N. Mex.	5	G. H. Larson.
Gallup Gamerco Coal Co., Gallup, N. Mex.			
Gallup Southwestern Coal Co., Box 670, Gallup, N. Mex.	Southwestern, Box 670, Gallup, N. Mex.	2	H. C. Stacher.
Mutual Coal Co., Box 887, Gallup, N. Mex.	Mutual Coal Co., Box 887, Gallup, N. Mex.	3	Dan Brunetta.

Mines in Government possession 14 November 1946—Continued

CMA AREA V, DISTRICT #19

Mining company and address	Mine name and address	Index No.	Operating manager
Big Horn Coal Co., Box 724, Sheridan, Wyo.	Big Horn Coal Mine #1, Box 724, Sheridan, Wyo.	231	R. J. Wardner.
Burnell Coal Mines, Gebo, Wyo.	Gebo #3	225	P. M. Burnell.
	Gebo #5	226	
	Gebo, Wyo.		
Colony Coal Co., 704 Boston Bldg., Denver 2, Colo.	Peacock, Rock Springs, Wyo.	18	W. J. Thompson.
Elk Mountain Coal Co., P. O. Box 1428, Boise, Idaho.	Dines, Dines, Wyo.	6	
Gunn-Quealy Coal Co., Quealy, Wyo.	Sweetwater #2, Quealy, Wyo.	28	L. M. Pratt.
	Gunn "C," Gunn, Wyo	3	
Kemmerer Coal Co., Frontier, Wyo.	Gomer	8	L. M. Pratt.
	Brilliant	2	
	Elkol	7	
	Frontier, Wyo.		
Lion Coal Corp., 1106 Continental Bank Bldg., Ogden, Utah.	Star, Rock Springs, Wyo.	23	A. B. Foulger.
Monolith Portland Midwest Co., 215 W. Seventh St., Los Angeles 14, Calif.	Hanna #2, Hanna, Wyo.	38	Coy Burnett.
Nugget Coal Co., 604 Patterson Bldg., Denver 2, Colo.	Nugget, Hanna, Wyo.	16	N. A. Swenson.
Rock Springs Fuel Co., P. O. Box 1045, Rock Springs, Wyo.	Kleen-Fyre	13	John Lucas.
	Premier	19	
	Superior, Wyo.		
Sheridan-Wyoming Coal Co., Inc., Monarch, Wyo.	Monarch	33	D. H. Pape.
	Miller	152	
	Monarch, Wyo.		
Storm King Coal Co., 360 Broadway, Sheridan, Wyo.	Storm King	160	William Patvaros.
	Black Diamond	132	
	360 Broadway, Sheridan, Wyo.		
The Union Pacific Coal Co., 1416 Dodge St. Omaha, Nebr.	Rock Springs No. 4	21	I. N. Bayless.
	Rock Springs No. 8	22	
	Rock Springs No. 11	243	
	Rock Springs, Wyo.		
	Reliance No. 1	20	
	Reliance No. 7	35	
	Reliance, Wyo.		
	Stansbury Mine, Stansbury, Wyo.	244	
	Winton Mine, Winton, Wyo	30	
	Superior D. O. Clark, Superior, Wyo.	5	
	Hanna No. 4A, Hanna, Wyo	10	

CMA AREA V, DISTRICT #20

Carbon Coal Co., P. O. Box 114, Scofield, Utah.	Carbon Coal Co., Scofield, Utah.	13	James Gable.
Chesterfield Coal Co., 101 Atlas Bldg., Salt Lake City, Utah.			
Columbia Steel Co., 235 Montgomery St., San Francisco, Calif.	Columbia Coal Mine, Columbia, Utah.	7	W. A. Ross.
Geneva Steel Co., P. O. Box 269, Salt Lake City, Utah.	Geneva Coal Mine, Horse Canyon, Emery County, Utah.	1001	Walther Matheslus.
Hi-Heat Coal Co., 911 Continental Bank Bldg., Salt Lake City 1, Utah.	Rains #2 Mine, Rains, Carbon Co., Utah.	17	R. H. Harmer.
Hudson Coal Co., 1011 Continental Bldg., Salt Lake City 1, Utah.	Sweet, National, Utah	23	V. W. Sweet.
Independent Coal & Coke Co., 1511 Walker Bank Bldg., Salt Lake City, Utah.	Aberdeen, Kenilworth, Carbon Co., Utah.	1	Walter F. Clarke.
Kaiser Co., Inc. (Iron & Steel Div.), Sunnyside, Utah.	Sunnyside Mine, Sunnyside, Utah.	206	A. B. Ordway.
Liberty Fuel Co., 402 Kearns Bldg., Salt Lake City, Utah.	Liberty Mine, Latuda, Carbon Co., Utah.	9	M. Weber.
Lion Coal Corp., 1106 First Security Bank Bldg., Ogden, Utah.	Wattis, Wattis, Utah	25	A. B. Foulger.
McGowan Coal Co., National, Utah	#1, Consumers, Utah	28	Terry McGowan.
Carl Nyman, National, Carbon Co., Utah.	National; National, Utah	179	Carl Nyman.
Pacific Coal Co., 404 Boston Bldg., Salt Lake City, Utah.	Maple Creek Mine, Standardville, Utah.	12	E. T. Llapis.
Peerless Sales Co., 1107 Newhouse Bldg., Salt Lake City, Utah.	Peerless Mine, Peerless, Carbon Co., Utah.	16	A. P. Cederlof.

Mines in Government possession 15 November 1946—Continued

CMA AREA V, DISTRICT #20—Continued

Mining company and address	Mine name and address	Index No.	Operating manager
Royal Coal Co., 818 Newhouse Bldg., Salt Lake City, Utah.	Royal Coal Co., Royal, Utah	19	L. E. Adams.
Spring Canyon Coal Co., 818 Newhouse Bldg., Salt Lake City, Utah.	Spring Canyon Coal Co., Spring Canyon, Utah.	20	L. E. Adams.
Standard Coal, Inc., 815 Newhouse Bldg., Salt Lake City, Utah.	Standard Coal, Inc., Standardville, Utah.	21	L. E. Adams.
United States Fuel Co., 921 Newhouse Bldg., P. O. Box 1769, Salt Lake City, Utah.	King Mine, Hiawatha, Utah	8	P. L. Shields.
Utah Co[illegible] Co., P. O. Box 555, Salt Lake City, [illegible]h.			
Utah Fue[illegible] Co., 715 Judge Bldg., Salt Lake City, Utah.	Castle Gate Mine, Castle Gate, Utah.	4	Moroni Heiner.
	Clear Creek Mine, Clear Creek, Utah.	6	
	Sunnyside Mine, Sunnyside, Utah.	22	
Western Coal Mining Co., 205 Pacific National Life Bldg., Salt Lake City, Utah (2200-B—appeared as Pacific Supply Cooperative).	Western Mine, Rains, Utah	1009	George A. Schultz.

CMA AREA V, DISTRICT #22

Bair-Collins Co., 29 Main St., Roundup, Mont.	Prescott Mine, Roundup, Mont.	11	G. E. Gildroy.
Brophy Coal Co., Red Lodge, Mont.	S. & S. Mine, Red Lodge, Mont.	15	James R. Brophy.
Jeffries Coal Co., Roundup, Mont.	Jeffries Carlson Mine, Roundup, Mont.	128	G. J. Jeffries.
Montana Coal & Iron Co., Box 1298, Billings, Mont.	Foster	4	J. M. Freeman.
	Smith	310	
	Washoe, Mont.		
Republic Coal Co., 2423 Southport Ave., Chicago, Ill.	Klein #2, Roundup, Mont.	8	J. T. Gillick.
Roundup Coal Mining Co., Box 98, Roundup, Mont.	Roundup #3, Roundup, Mont.	13	S. H. Clarke.
B. & R. Coal Co., Box 389, Renton, Wash.	Newcastle	104	Joe Baima.
	Issaquah	181	
	Box 389, Renton, Wash.		
Bellingham Coal Mines, Box 624, Bellingham, Wash.	Bellingham Coal Mine, Box 624, Bellingham, Wash.	3	E. P. Lucas.
Bianco Coal Mines, 3333 Cascadia Ave., Seattle, Wash.	Queen #1, Issaquah, Wash.	106	Fred Bianco.
Big Four Coal Co., Palmer, Wash.	Elk, Palmer, Wash.	14	Peter Pergolios.
Carbon Fuel Co., P. O. Box 86, Cumberland, Wash.	Bayne, Cumberland, Wash.	2	James Bolde.
Jonesville Coal Co., Inc., P. O. Box 902, Roslyn, Wash.	Mine #4, Roslyn, Wash.	159	William C. Shaw.
Monarch Coal Mining Co., Route 1, Box A-223, Centralia, Wash.	S. W. Washington, Rt. 1, Box A-223, Centralia, Wash.		George W. Sheatsley.
Northwestern Improvement Co., Coal Department, Roslyn, Wash.	Roslyn #3		Thomas Murphy.
	Roslyn #5		
	Roslyn #9		
	Ravensdale, Wash.		
The Pacific Coast Coal Co., Pacific Coast Terminals, Foot of Main St., Seattle 4, Wash.	Black Diamond Mine, Black Diamond, Wash.	32	C. R. English.
Palmer Coking Coal Co., Inc., Palmer, Wash.			
Penn-Bucoda Coal Co., 417 S. W. Stark St., Portland, Ore.	Bucoda #1, Bucoda, Wash.	1003	Robert Fromm.
Renton Mining Co., Inc., Box 596, Renton, Wash.	Talbot Mine, Box 596, Renton, Wash.	150	Robinson Wilson.
Roslyn-Cascade Coal Co., 1404 Commercial St., Bellingham, Wash.	Roslyn-Cascade, Ronald, Wash.	29	Charles F. Larrabee.
Springbrook Mining Co., 400 Cedar St., Renton, Wash.	#3, Spring Glen, Wash.	33	A. F. Claut.
Strain Coal Co., 414 Old Times Bldg., Seattle, Wash.	Newcastle (Coal Creek), Box 209, Renton, Wash.	22	William Strain.
	Tono Mine, Rt. 2, Box 500, Centralia, Wash.	34	
Wilkeson-Wingate Coal Co., Wilkeson, Wash.	Wilkeson-Wingate, Wilkeson, Wash.	178	Joe Serack.

Government's Exhibit 13

AGREEMENT

This agreement between the Secretary of the Interior, acting as Coal Mines Administrator under the authority of Executive Order No. 9728 (dated May 21, 1946, 11 F. R. 5593), and the United Mine Workers of America, covers for the period of Government possession the terms and conditions of employment in respect to all mines in Government possession which were as of March 31, 1946, subject to the National Bituminous Coal Wage Agreement, dated April 11, 1945.

1. *Provisions of National Bituminous Coal Wage Agreement Preserved*

Except as amended and supplemented herein, this agreement carries forward and preserves the terms and conditions contained in all joint wage agreements effective April 1, 1941, through March 31, 1943, the supplemental agreement providing for the six (6) day workweek, and all the various district agreements executed between the United Mine Workers and the various Coal Associations and Coal Companies (based upon the aforesaid basic agreement) as they existed on March 31, 1943, and the National Bituminous Coal Wage Agreement, dated April 11, 1945.

2. *Mine Safety Program*

(a) *Federal Mine Safety Code.*

As soon as practicable, and not later than 30 days from the date of the making of the agreement, the Director of the Bureau of Mines, after consultation with representatives of the United Mine Workers and such other persons as he deems appropriate, will issue a reasonable code of standards and rules pertaining to safety conditions and practices in the mines. The Coal Mines Administrator will put this code into effect at the mines. Inspectors of the Federal Bureau of Mines shall make periodic investigations of the mines and report to the Coal Mines Administrator any violations of the Federal Safety Code. In cases of violation the Coal Mines Administrator will take appropriate action which may include disciplining or replacing the operating manager so that with all reasonable dispatch said violation will be corrected.

From time to time the Director of the Bureau of Mines may, upon request of the Coal Mines Administrator or the United Mine Workers, review and revise the Federal Mine Safety Code.

(b) *Mine Safety Committee:*

At each mine there shall be a Mine Safety Committee selected by the Local Union. The Mine Safety Committee may inspect any mine development or equipment used in producing coal for the purpose of ascertaining whether compliance with the Federal Safety Code exists. The Committee members while engaged in the performance of their duties shall be paid by the Union, but shall be deemed to be acting within the scope of their employment in the mine within the meaning of the Workmen's Compensation Law of the state where such duties are performed.

If the Committee believes conditions found endanger the life and bodies of the mine workers, it shall report its findings and recommendations to the management. In those special instances where the Committee believes an immediate danger exists and the Committee recommends that the management remove all mine workers from the unsafe area, the operating manager or his managerial subordinate is required to follow the recommendation of the Committee, unless and until the Coal Mines Administrator, taking into account the inherently hazardous character of coal mining, determines that the authority of the Safety Committee is being misused and he cancels or modifies that authority.

The Safety Committee and the operating manager shall maintain such records concerning inspections, findings, recommendations, and actions relating to this provision of the agreement as the Coal Mines Administrator may require and shall supply such reports as he may request.

3. *Workmen's Compensation and Occupational Disease*

The Coal Mines Administrator undertakes to direct each operating manager to provide its employees with the protection and coverage of the benefits under Workmen's Compensation and Occupational Disease Laws, whether compulsory or elective, existing in the states in which the respective employees are employed. Refusal of any operating manager to carry out this direction shall be deemed a violation of his duties as operating manager. In the event of such refusal the Coal Mines Administrator will take appropriate action which may include disciplining or replacing the operating manager or shutting down the mine.

4. *Health and Welfare Program*

There is hereby provided a health and welfare program in broad outline—and it is recognized that many important details remain to be filled in—such program to consist of three parts, as follows:

(a) *A Welfare and Retirement Fund.*

A welfare and retirement fund is hereby created and there shall be paid into said fund by the operating managers 5¢ per ton on each ton of coal produced for use or for sale. This fund shall be managed by three trustees, one appointed by the Coal Mines Administrator, one appointed by the President of the United Mine Workers, and the third chosen by the other two. The fund shall be used for making payments to miners, and their dependents and survivors, with respect to (i) wage loss not otherwise compensated at all or adequately under the provisions of Federal or State law and resulting from sickness (temporary disability), permanent disability, death, or retirement, and (ii) other related welfare purposes, as determined by the trustees. Subject to the stated purposes of the fund, the trustees shall have full authority with respect to questions of coverage and eligibility, priorities among classes of benefits, amounts of benefits, methods of providing or arranging for provision of benefits, and all related matters.

The Coal Mines Administrator will instruct the operating managers that the obligation to make payments to the welfare and retirement fund becomes effective with reference to coal produced on and after

June 1, 1946; the first actual payment is to be made on August 15, 1946, covering the period from June 1 to July 15; the second payment to be made on September 15, covering the period from July 15 to August 31; and thereafter payments are to be made on the 15th day of each month covering the preceding month.

(b) *A Medical and Hospital Fund.*

There shall be created a medical and hospital fund, to be administered by trustees appointed by the President of the United Mine Workers. This fund shall be accumulated from the wage deductions presently being made and such as may hereafter be authorized by the Union and its members for medical, hospital, and related purposes. The trustees shall administer this fund to provide, or to arrange for the availability of, medical, hospital, and related services for the miners and their dependents. The money in this fund shall be used for the indicated purposes at the discretion of the trustees of the fund; and the trustees shall provide for such regional or local variations and adjustments in wage deductions, benefits, and other practices, and transfer of funds to local unions, as may be necessary and as are in accordance with agreements made within the framework of the Union's organization.

The Coal Mines Administrator agrees (after the trustees make arrangements satisfactory to the Coal Mines Administrator) to direct each operating manager to turn over to this fund, or to such local unions as the trustees of the fund may direct, all such wage deductions, beginning with a stated date to be agreed upon by the Administrator and the President of the United Mine Workers: Provided, however, that the United Mine Workers shall first obtain the consent of the affected employees to such turn-over. The Coal Mines Administrator will cooperate fully with the United Mine Workers to the end that there may be terminated as rapidly as may be practicable any existing agreements that earmark the expenditure of such wage deductions, except as the continuation of such agreements may be approved by the trustees of the fund.

Present practices with respect to wage deductions and their use for provision of medical, hospital, and related services shall continue until such date or dates as may be agreed upon by the Coal Mines Administrator and the President of the United Mine Workers.

(c) *Coordination of the Welfare and Retirement Fund and the Medical and Hospital Fund.*

The Coal Mines Administrator and the United Mine Workers agree to use their good offices to assure that trustees of the two funds described above will cooperate in and coordinate the development of policies and working agreements necessary for the effective operation of each fund toward achieving the result that each fund will, to the maximum degree practicable, operate to complement the other.

5. *Survey of Medical and Sanitary Facilities*

The Coal Mines Administrator undertakes to have made a comprehensive survey and study of the hospital and medical facilities, medical treatment, sanitary and housing conditions in the coal mining areas. The purpose of this survey will be to determine the character and scope of improvements which should be made to provide the mine

workers of the Nation with medical, housing, and sanitary facilities conforming to recognized American standards.

6. *Wages*

(a) All mine workers, whether employed by the day, tonnage, or footage rate, shall receive $1.85 per day in addition to that provided for in the contract which expired March 31, 1946.

(b) Work performed on the sixth consecutive day is optional, but when performed shall be paid for at time and one-half or rate and one-half.

(c) Holidays, when worked, shall be paid for at time and one-half or rate and one-half. Holidays shall be computed in arriving at the sixth and seventh day in the week.

7. *Vacation Payment*

An annual vacation period shall be the rule of the industry. From Saturday, June 29, 1946, to Monday, July 8, 1946, inclusive, shall be a vacation period during which coal production shall cease. Day men required to work during this period at coke plants and other necessarily continuous operations or on emergency or repair work shall have vacations of the same duration at other agreed periods.

All employees with a record of one year's standing (June 1, 1945, to May 31, 1946) shall receive as compensation for the above-mentioned vacation period the sum of One Hundred Dollars ($100), with the following exception: Employees who entered the armed services and those who returned from the armed services to their jobs during the qualifying period shall receive the $100 vacation payment.

All the terms and provisions of district agreements relating to vacation pay for sick and injured employees are carried forward to this agreement and payments are to be made in the sum as provided herein.

Pro rata payments for the months they are on the pay roll shall be provided for those mine workers who are given employment during the qualifying period and those who leave their employment.

The vacation payment of the 1946 period shall be made on the last pay day occurring in the month of June of that year.

8. *Settlement of Disputes*

Upon petition filed by the United Mine Workers with the Coal Mines Administrator showing that the procedure for the adjustment of grievances in any coal-producing district is inequitable in relation to the generally prevailing standard of such procedures in the industry, the Coal Mines Administrator will direct the operating managers at mines in the district shown to have an inequitable grievance procedure to put into effect within a reasonable period of time the generally-prevailing grievance procedure in the industry.

9. *Discharge Cases*

The Coal Mines Administrator will carry out the provision in agreements which were in effect on March 31, 1946, between coal mine operators and the United Mine Workers that cases involving the discharge of employees for cause shall be disposed of within 5 days.

10. *Fines and Penalties*

No fines or penalties shall be imposed unless authorized by the Coal Mines Administrator. In the event that such fines or penalties are imposed by the Coal Mines Administrator, the funds withheld for that reason shall be turned over to the trustees of the fund provided for in Section 4 (b) hereof, to be used for the purpose stated therein.

11. *Supervisors*

With respect to questions affecting the employment and bargaining status of foremen, supervisors, technical and clerical workers employed in the bituminous mining industry, the Coal Mines Administrator will be guided by the decisions and procedure laid down by the National Labor Relations Board.

12. *Safety*

Nothing herein shall operate to nullify existing state statutes, but this agreement is intended to supplement the aforesaid statutes in the interest of increased mine safety.

13. *Retroactive Wage Provisions*

The wage provisions of this agreement shall be retroactive to May 22, 1946.

14. *Effective Date*

This agreement is effective as of May 29, 1946, subject to approval of appropriate Government agencies.

Signed at Washington, D. C., on this 29th day of May 1946.

J. L. KRUG,
Coal Mines Administrator.

JOHN L. LEWIS,
President, United Mine Workers of America.

Government's Exhibit 14

APPLICATION TO WAGE STABILIZATION BOARD AND BOARD'S ORDER OF MAY 31, 1946

UNITED STATES DEPARTMENT OF THE INTERIOR,
COAL MINES ADMINISTRATION,
Washington 25, D. C., May 29, 1946.

MY DEAR MR. WIRTZ: I transmit herewith six copies of a proposed Agreement with the United Mine Workers of America.

Application is made for approval of those provisions of the Agreement which involve changes in terms and conditions of employment. Such provisions appear to include: Section 2, Mine Safety Program; Section 3, Workmen's Compensation and Occupational Disease; Section 4 (a), A Welfare and Retirement Fund; Section 6, Wages; Section 7, Vacation Payment; Section 8, Settlement of Disputes; Section 10, Fines and Penalties; and Section 13, Retroactive Wage Provisions.

Sincerely yours,

/S/ B. MORRELL,
Deputy Coal Mines Administrator.

MR. W. WILLARD WIRTZ,
Chairman, National Wage Stabilization Board.

Enclosure 606.

UNITED STATES OF AMERICA

NATIONAL WAGE STABILIZATION BOARD

An Application filed by the Secretary of the Interior, Acting under authority of Executive Order #9728, 11 F. R. 5593, and Section 5 of the War Labor Disputes Act

In the Matter of Mines Producing Bituminous Coal, which were, as of March 31, 1946, subject to the National Bituminous Coal Wage Agreement, dated April 11, 1945

ORDER

On May 29, 1946, the Secretary of the Interior, acting pursuant to the authority of Executive Order #9728, May 21, 1946, and Section 5 of the War Labor Disputes Act, filed an application for a change in wages and other terms and conditions of employment in mines producing bituminous coal which were, as of March 31, 1946, subject to the National Bituminous Coal Wage Agreement, dated April 11, 1945, and which were then in the possession of the Secretary of the Interior.

Pursuant to the Stabilization Act of 1942, as amended, Executive Order #9250, of October 3, 1942; Executive Order #9672, of December 31, 1945; and Executive Order #9697, of February 14, 1946, and Section 5 of the War Labor Disputes Act, the National Wage Stabilization Board, having made such investigations as it deemed necessary and desirable in the premises, hereby orders the following changes in wages and other terms and conditions, which it deems to be fair and reasonable and not in conflict with any Act of Congress or Executive Order issued thereunder:

1. That a Mine Safety Program be established in accordance with the provisions of Section 2 of the Agreement entered into on May 29, 1946, between the Secretary of the Interior, acting as Coal Administrator under the authority of Executive Order #9728 (dated May 21, 1946, 11 F. R. 5593), and the United Mine Workers of America (herein called "the Agreement"), and which is attached and made a part hereof;

2. That the employees be provided with the protection and coverage of the benefits under Workmen's Compensation and Occupational Disease Laws in accordance with the provisions of Section 3 of the Agreement;

3. That a Health and Welfare Program be established in accordance with the provisions of Section 4 (a) of the Agreement;

4. That the wages of all mine workers be increased in accordance with the provisions of Section 6 (a) of the Agreement. It is the understanding of the Board, and such understanding is a condition of this Order, that said Section 6 (a) of that Agreement contemplates and will be administered to provide, where less than a full day is worked, for payment for the hours worked at the applicable rate for those hours, it being further understood that, except as inconsistent with the Agreement, existing wage practices will remain in effect.

5. That there shall be put into effect the provisions of Section 6 (b) of the Agreement covering payment for work performed on the sixth consecutive day;

6. That there shall be put into effect the provisions covering recognition of holidays as set out in Section 6 (c) of the Agreement. It is the understanding of the Board, and such understanding is a condition of this Order, that "holidays" as used in said Section 6 (c) refers to those holidays heretofore recognized in various District Agreements executed between the United Mine Workers of America and the various coal associations and coal companies, and that this section will be applied, with respect to the employees of the various coal mines, depending upon which holidays were recognized in the applicable District Agreement;

7. That vacation payments be made to all employees in accordance with the provisions of Section 7 of the Agreement. It is the understanding of the Board, and such understanding is a condition of this Order;

(a) That the provision in the second sentence of said Section 7 is in recognition of the previous contract practice in this industry and leaves it optional with the parties whether the mines are to operate during the vacation period;

(b) That the provision in the fifth paragraph of Section 7 of said Agreement will be the basis for interpretive rules governing the making of pro rata vacation payments in specific situations, and that these rules will be submitted to the National Wage Stabilization Board for such further consideration and action as may be appropriate under Section 5 of the War Labor Disputes Act.

8. That the Secretary of the Interior, acting as the Coal Mines Administrator, shall have the authority provided for by Section 8 of the Agreement to put into effect generally prevailing grievance procedure where such procedure has not theretofore been in effect;

9. That fines and penalties shall be imposed in a manner provided for by Section 10 of the Agreement and the funds shall be dealt with as provided for by that Section;

10. That this Order shall, upon approval of the President, be made effective as of May 29, 1946, provided that the changes in wages provided for in paragraphs 4, 5, and 6 of this Order shall be retroactive to May 22, 1946.

Dated: Washington, D. C., May 31, 1946.

NATIONAL WAGE STABILIZATION BOARD,
[S] W. Willard Wirtz,
W. WILLARD WIRTZ, *Chairman.*

[S] HARRY TRUMAN.
Approved May 31, 1946.

The Industry Members record their dissent as to paragraphs 1, 2, 3, 5, 6, 7, 8, 9, and 10.

Government's Exhibit 15

UNITED STATES
DEPARTMENT OF THE INTERIOR
COAL MINES ADMINISTRATION
Washington 25, D. C.

ORDER No. CMAN–1

By agreement dated 29 May 1946 between the Secretary of the Interior, acting as Coal Mines Administrator, and the United Mine Workers of America, certain changes in terms and conditions of employment, among other things, were agreed upon; the wage changes to be retroactive to May 22, 1946. Such changes in terms and conditions of employment were ordered by the National Wage Stabilization Board pursuant to Section 5 of the War Labor Disputes Act, which order was approved by the President 31 May 1946.

Now, therefore, pursuant to said Section 5 of the War Labor Disputes Act it is hereby ordered and directed that terms and conditions of employment in all mines in government possession under Executive Order 9728, which were, as of 31 March 1946, subject to the National Bituminous Coal Wage Agreement dated April 11, 1945, shall be the terms and conditions of employment which were in effect at the time possession of such mine was taken pursuant to said Executive Order 9728 as changed, amended, and supplemented by said agreement dated May 29, 1946, between the Coal Mines Administrator and the United Mine Workers. Terms and conditions of employment existing at the time possession of said mines was taken (May 22, 1946) are hereby construed to mean the terms and conditions existing on March 31, 1946, or the last day when said mines were operated under agreement with the United Mine Workers of America.

A copy of said agreement dated May 29, 1946, is attached hereto and made a part hereof.

This order shall be deemed to be a specific direction or order within the meaning of the terms and provisions of Regulations issued by the Secretary of the Interior and which Regulations were made applicable to all mines seized under Executive Order 9728 by order of the Secretary of the Interior dated May 21, 1946.

B. MOREELL,
Deputy Coal Mines Administrator.

JUNE 1, 1946.

Government's Exhibit 16

WASHINGTON, D. C., *June 12, 1946.*

MEMORANDUM OF AGREEMENT BY AND BETWEEN FEDERAL COAL MINES ADMINISTRATION AND UNITED MINE WORKERS OF AMERICA AFFECTING MODIFICATION OF CLAUSE 7 OF THE NATIONAL BITUMINOUS WAGE AGREEMENT EXECUTED AT THE WHITE HOUSE, WASHINGTON, D. C., MAY 29, 1946

To assure greater production of coal for essential needs, and in the public interest, it is agreed that Clause 7 of the aforesaid agreement is modified in the following respects:

That the vacation period for the year 1946 shall be limited to 4 days, to wit: Thursday, July 4, to Sunday, the 7th, inclusive, without prejudice or modification of the existing vacation clause of the agreement as affecting future conditions.

This modified agreement shall in no wise affect the payment of one hundred dollars ($100.00), or the proper proportion thereof, to be paid by all operators to each individual, in conformity with the terms of the National Bituminous Wage Agreement, executed as aforesaid, May 29, 1946.

FEDERAL COAL MINES ADMINISTRATION,
By BEN MOREELL,
Federal Coal Mines Administrator.

UNITED MINE WORKERS OF AMERICA,
By JOHN L. LEWIS, *President.*

Government's Exhibit 17

UNITED STATES
DEPARTMENT OF THE INTERIOR
COAL MINES ADMINISTRATION
Washington 25, D. C.

In reply please refer to
27 JUNE 1946

MEMORANDUM OF AGREEMENT

The undersigned hereby agree as follows:

1. Pending the appointment of trustees as provided in section 4 (a) ("A Welfare and Retirement Fund") of the Krug-Lewis Agreement of May 29, 1946, The Paymaster General, United States Navy, is hereby designated to act as custodian of the monies to be paid in accordance with the provisions of that section.

2. The function of the custodian shall be limited to the receipt and safekeeping of said monies and to account therefor to the trustees as soon as practicable and in accordance with instructions of the parties hereto.

3. From time to time the parties hereto may jointly issue instructions to the custodian and the custodian shall act in accordance therewith.

4. This agreement prescribes an operating program in accordance with the basic provisions of section 4 (a) of the Agreement of May 29 and is not a modification of the terms and conditions set forth in that Agreement.

BEN MOREELL,
Coal Mines Administrator.

JOHN L. LEWIS,
President, United Mine Workers of America.

Government's Exhibit 18

AUGUST 28, 1946.

MEMORANDUM OF AGREEMENT

The undersigned hereby agree as follows:

1. Pending the making of proper arrangements for trustee operation of the Medical and Hospital Fund provided for in Section 4 (b) of the Krug-Lewis Agreement of May 29, 1946, the International Secretary-Treasurer of the United Mine Workers of America is hereby designated to act as custodian of the money accruing to such fund by virtue of the provisions of Section 10 of said Krug-Lewis Agreement.

2. If any fines or penalties under said Section 10 of said Agreement are authorized by the Coal Mines Administrator the funds withheld for that reason shall be turned over to the said International Secretary-Treasurer of the United Mine Workers of America as said custodian in trust for the benefit of said Medical and Hospital Fund when put into operation.

3. The function of said custodian shall be limited to the receipt and safe keeping of said money derived from the terms of said Section 10 of the Krug-Lewis Agreement and to account therefor to the Trustees of said Medical and Hospital Fund as provided in Section 4 (b) of said Agreement.

4. This Agreement prescribed an operating program in accordance with the basic provisions of Section 4 (b) and Section 10 of said Agreement of May 29, 1946, and is not a modification of the terms and conditions set forth in that Agreement.

BEN MOREELL,
Coal Mines Administrator.

JOHN O'LEARY,
Acting President, United Mine Workers of America.

Government's Exhibit 19

UNITED MINE WORKERS OF AMERICA

John L. Lewis, president — Telephone: Metropolitan 0530

UNITED MINE WORKERS' BUILDING,
Washington 5, D. C., October 21, 1946.

Honorable J. A. KRUG,
Secretary of the Interior,
Washington, D. C.

DEAR MR. SECRETARY: On Saturday, October 19, 1946, you in conference with me again refused to correct the unilateral misinterpretations you have heretofore issued of the Krug-Lewis Agreement of May 29, 1946. Your interpretive Bulletin No. 5 of June 25, 1946, concerning pro rata vacation payments and your CMAN-8 setting up

railroad weights rather than tipple weights upon which to compute the payments due the Welfare and Retirement Fund remain outstanding and uncorrected. They and other similar unilateral misinterpretations constitute a breach of the said Krug-Lewis Agreement. That agreement is an integrated instrument and its respective provisions are interdependent. A breach of any of its provisions breaches the whole.

For ninety days our representatives have protested these breaches of contract which have led to the loss of millions of dollars due to the Mine Workers. Your adamant refusal to correct these errors continues unabated.

The question of pro rata vacation payments has upon the request of the Illinois Coal Operators Association been referred to arbitration and an award was made therein on August 6, 1946. We have called upon you for its enforcement. You have refused. In addition to these breaches of the contract, significant changes in the Government wage policy have occurred.

Under the contract reopening provisions of the National Bituminous Coal Wage Agreement dated April 11, 1945 (being Section 15 thereof), specifically carried forward into the Krug-Lewis Agreement, either party may give ten days' notice in writing of a date for a negotiating conference upon the matters outlined in said notice. The other party agrees to attend said conference. At the end of fifteen days after the beginning of such negotiating conference, either party may give to the other a notice in writing of the termination of the agreement, to be effective five days after the receipt of such notice.

The Krug-Lewis Agreement, having thus been breached by you and significant changes in Government wage policy having occurred, you are accordingly hereby officially notified that the United Mine Workers of America requests a joint conference of the accredited representatives of the joint contracting parties to the Krug-Lewis Agreement of May 29, 1946, for the purpose of negotiating new arrangements affecting wages, hours, rules, practices, differentials, inequalities and all other pertinent matters affecting or appertaining to the national bituminous coal industry. It is suggested that a convening of the conference at ten o'clock A. M., Friday, November 1, 1946, in Washington, D. C., would be appropriate.

Your prompt acknowledgment of the receipt of this notice and your acquiescence to such conference is respectfully requested.

Yours truly,

JOHN L. LEWIS,
President, United Mine Workers of America.

Government's Exhibit 20

[Copy]

UNITED STATES
DEPARTMENT OF THE INTERIOR
COAL MINES ADMINISTRATION

WASHINGTON 25, D. C., *October 22, 1946.*

MR. JOHN L. LEWIS,
President, United Mine Workers of America,
United Mine Workers Building, Washington 5, D. C.

DEAR MR. LEWIS: The Secretary of the Interior has requested me to reply to your letter of October 21 addressed to him.

I desire to reaffirm the position taken in my letter of yesterday prepared prior to the receipt by me of your letter to the Secretary, to the effect that the Coal Mines Administration has not taken any action which would constitute a breach of the Krug-Lewis Agreement.

Those provisions of the District Agreements, carried forward by the Krug-Lewis Agreement, adequately provide for the settlement of disputes concerning the proper interpretation of the contract by the ultimate submission of these disputes to arbitration. The position of the Coal Mines Administration has always been that the grievance procedure, culminating in arbitration, is the proper medium for the settlement of disputes concerning the meaning of the contract.

That your organization understood this position is evidenced by the fact that it initiated the proceedings resulting in the arbitrator's decision in Illinois concerning pro rata vacation payments to which you refer in your letter. At no time has this Administration refused the enforcement of arbitrators' decisions. Any delay with respect to the over-all effects of the arbitrator's decision in Illinois was caused largely by your illness. Moreover, we wish to correct your statement that this decision was rendered on August 6, 1946. It was actually rendered on August 31, 1946, and this office advised thereof by you by letter dated September 9, 1946.

With respect to your statement that significant changes in Government wage policy have occurred, such changes, if any, provide no contractual basis requiring negotiations for a revision of the Krug-Lewis Agreement.

Your reference to Section 15 of the National Bituminous Coal Wage Agreement of April 11, 1945, as a basis for requiring contract negotiations looking toward a revision of the existing agreement is clearly unwarranted, for a number of reasons. No attempt is made to detail all these reasons but, among them, is the obvious fact that the Krug-Lewis Agreement itself superseded Section 15 of the National Bituminous Coal Wage Agreement. The Krug-Lewis Agreement states that it "*covers for the period of Government possession the terms and conditions of employment in respect to all mines in Government possession.*" This statement of the Agreement's life is unqualified. The Krug-Lewis Agreement carries forward only those terms and provisions of past contracts which were not amended or supplemented by

the Krug-Lewis Agreement. To now contend that the life of the Krug-Lewis Agreement was subject to the provisions of Section 15 of the 1945 Agreement is tantamount to contending that the Krug-Lewis Agreement could have been reopened the day after it was signed. Obviously, the unqualified statement of the May 29, 1946, document amends and eliminates the 1945 provisions which you cite.

I am, therefore, unable to treat your letter of October 21, 1946, as a notice given pursuant to any existing contract provisions requiring a joint conference for the purpose of negotiating new arrangements affecting wages and other matters.

This Administration considers that the Krug-Lewis Agreement is in full force and effect and calls upon the United Mine Workers of America, who have always prided themselves on fulfilling their contract obligations, to abide by the terms of that agreement.

This Administration is ready, as it has been in the past, to meet with you to discuss matters affecting the operation of the bituminous coal mines under the Krug-Lewis Agreement, and for that purpose, with the above reservation, any date for such discussions is agreeable to this administration.

It is suggested that any negotiating conferences looking toward a new agreement for the operation of the bituminous coal mines be held with the representatives of the owners of such mines. The Coal Mines Administration continues ready to lend its good offices to promoting such negotiating conferences, thereby continuing the negotiations which were temporarily recessed pending the Mine Workers Convention early this month. Such an agreement would accomplish the result which has been publicly expressed as the desire of the Coal Mines Administration, the United Mine Workers, and the operators, namely, the return of the mines to private operation.

Very truly yours,

/S/ N. H. Collisson,
Captain, USNR,
Coal Mines Administrator.

Enclosure 5.

Government's Exhibit No. 21

[Copy]

Of Reclamation, Amarillo, Texas

Straight wire

October 22, 1946, Amarillo, Texas.

John L. Lewis,
President, United Mine Workers of America,
United Mine Workers Building, 15th and I Streets NW,
Washington, D. C.

Today Captain Harvey Collisson, Coal Mines Administrator, wrote you giving our views on the Krug-Lewis agreement and said that we would be agreeable to meet with you at any time if you desire to discuss provisions of the existing contract between the United Mine Workers and the United States Government. I understand that your pref-

erence is to meet about November 1, and I want to meet your wishes. On that date I will be at Tule Lake, California, discussing our program for veterans' settlement, but would find a way of arranging time for our meeting if you want to meet there. However, if it should better meet your convenience, I will see you in Washington directly after my last publicly announced address on November 6 to the Town Hall in Los Angeles which ends my committed western inspection trip. Will you please let my office know what arrangement will suit you best?

J. A. KRUG,
Secretary of the Interior.

Government's Exhibit 22

UNITED MINE WORKERS OF AMERICA
John L. Lewis, president Telephone Metropolitan 0530

UNITED MINE WORKERS' BUILDING,
Washington 5, D. C., October 22, 1946.

Honorable J. A. KRUG,
Secretary of the Interior,
Department of the Interior,
Washington, D. C.

DEAR MR. SECRETARY: This will reply to your telegram from Amarillo and Collisson's letter from Washington of October 22.

The existing Krug-Lewis Agreement expressly provides that both parties to the agreement are bound to meet within a ten-day period upon formal request of either party. Such formal request was filed yesterday by the United Mine Workers of America.

Failure on your part to honor this meeting will constitute another breach of the contract and will void the Krug-Lewis Agreement.

Yours truly,

JOHN L. LEWIS, *President.*

L:h.

Government's Exhibit 23

Copy of telegram from Secretary Krug to Mr. John L. Lewis dated 27 October 1946:

Replying to your letter of 21 October I am requesting that you and/or your representatives meet with Coal Mines Administrator Collisson and his associates on 1 November or any other date agreeable to you.

Government's Exhibit 24

Copy of telegram from Mr. John L. Lewis to Secretary Krug dated 28 October 1946:

I esteem your telegram 27th, received by me today, as compliance with request for official conference contained my letter 21 October. I accordingly advise that representatives United Mine Workers will meet with Coal Mines Administrator Collisson and

his associates at 11 o'clock a. m. on Friday, 1 November. Under these conditions Krug-Lewis Agreement remains effective and unchanged during period of negotiations.

Enclosure 1.

Government's Exhibit 25

UNITED MINE WORKERS OF AMERICA

John L. Lewis, president — Telephone: Metropolitan 0530

UNITED MINE WORKERS' BUILDING,
Washington 5, D. C., November 15, 1946.

Honorable J. A. KRUG,
Secretary of the Interior,
Washington, D. C.

DEAR MR. SECRETARY: In accordance with the provisions of the Krug-Lewis Agreement dated May 29, 1946, the United Mine Workers of America on October 21, 1946, officially requested a joint conference of the accredited representatives of the joint contracting parties to said agreement. Such conference convened on November 1, 1946.

Fifteen days having now elapsed since the beginning of said conference, the United Mine Workers of America, exercising its option, hereby terminates said Krug-Lewis Agreement as of 12:00 o'clock P. M., midnight, Wednesday, November 20, 1946.

Yours truly,

UNITED MINE WORKERS OF AMERICA,
By JOHN L. LEWIS, *President.*

Government's Exhibit 26

UNITED STATES
DEPARTMENT OF THE INTERIOR
COAL MINES ADMINISTRATION
Washington

REVISED REGULATIONS FOR THE OPERATION OF COAL MINES UNDER GOVERNMENT CONTROL

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UNITED STATES

DEPARTMENT OF THE INTERIOR

COAL MINES ADMINISTRATION

, Washington

REVISED REGULATIONS FOR THE OPERATION OF COAL MINES UNDER GOVERNMENT CONTROL

"Regulations for the Operation of Coal Mines Under Government Control," issued by the Secretary of the Interior on May 19, 1943, as

amended July 29, August 13, and December 23, 1943 (8 F. R. 6655, 10712, 11344, 17339), with the exceptions specified in Section 50 hereof, are hereby amended and revised, as follows:

I. GENERAL

1. *Authority for Regulations*

These regulations are issued under the authority of Executive Order No. 9728, dated May 21, 1946, (11 F. R. 5593), authorizing and directing the Secretary of the Interior—

> to take possession of any and all such mines, and, to the extent that he may deem necessary, of any real or personal property, franchises, rights, facilities, funds, and other assets used in connection with the operation of such mines; to operate or to arrange for the operation of such mines in such manner as he may deem necessary in the interest of the war effort; and to do all things necessary for, or incidental to, the production, sale, and distribution of the coal produced, prepared, or handled by the said mines.

2. *Scope of Regulations*

These regulations shall govern the operation of all coal mines placed under Government possession and control pursuant to Executive Order No. 9728, including any and all real and personal property, franchises, rights, facilities, funds, and other assets used in connection with the operation of such mines and the distribution and sale of their products, for operation by the United States.

3. *Effect of Regulations*

These regulations shall supersede all prior orders or instructions governing the operation of such coal mines to the extent that such orders or instructions are inconsistent with these regulations. (See Section 50, infra, as to superseding regulations heretofore in effect.)

4. *Purpose of Operation*

The primary object of Government intervention in the operation of the said properties is the maintenance of full production in the interest of the war effort, the continued operation of the national economy during the transition from war to peace, and the preservation of the national economic structure in the present emergency. All duties and authorities set forth in these regulations are to be construed in the light of this purpose, and if any regulation interferes with the accomplishment of this purpose, prompt application must be made to the Coal Mines Administration to secure the waiver or modification of such regulation.

5. *Plan and Policy of Operation*

Control of the operations of the coal mines will be exercised by the Government to the extent necessary to maintain maximum production. Wherever the cooperation of the company and its personnel can be secured, the existing organization of the mining company will be utilized, and the company will continue operation in the regular course of business as a going enterprise, conforming with such directions as the Government may issue. Where the prompt and effective coopera-

tion of a company cannot be secured, appropriate action will be taken under Sections 30 and 31 of these regulations, or otherwise.

All properties in the possession of the Government shall be operated in a manner consistent with the fact that title to the properties remains in the owners thereof and that the Government, having temporarily taken possession or custody, will assert only such rights as are necessary to accomplish the national purpose of continued and maximum production.

6. *Definitions*

As used herein,

The term "coal mines" means the coal mines of which possession was taken by the orders of the Secretary of the Interior of May 21, 1946, and orders supplementary and amendatory thereto, and any and all real and personal property, franchises, rights, facilities, funds, and other assets used in connection with the operation of such mines and the distribution and sale of their products.

The term "company" or "mining company" means the corporation, partnership, association, or individual in possession and control of coal mines immediately prior to the taking of possession of such coal mines by the Secretary of the Interior.

II. ORGANIZATION FOR OPERATION

10. *Supervision and Direction*

The power, authority, and discretion of the Secretary of the Interior with respect to the operation of the coal mines may under the authority of Order No. 2199 of the Secretary of the Interior, dated May 21, 1946 (11 F. R. 5604), be exercised by the Coal Mines Administrator and by the Deputy Coal Mines Administrator (both hereinafter referred to as the Administrator), to the same extent and with the same effect as such power, authority, and discretion may be exercised by the Secretary of the Interior. The power, authority, and discretion of the Administrator may be exercised through such personnel of the Coal Mines Administration of the Department of the Interior and in such manner as the Administrator may determine.

11. *Designation of Area Officer-in-Charge*

Within each of the regions designated in Appendix A attached hereto, officers designated by the Deputy Administrator shall serve as Area Officers-in-Charge.

12. *Duties of Area Officer-in-Charge*

Each Area Officer-in-Charge is authorized, subject to the orders of the Administrator, to exercise full powers of supervision and direction over the operation of all coal mines in the possession of the Government within his territorial jurisdiction during the period of Government control of the said mines. He shall have authority to issue specific directions as to the production of coal by the mines subject to his supervision, and as to all operating and financial arrangements for such mines. He shall also have authority to advise, and to issue directions, with respect to the construction of applicable orders and regulations. All directions and orders shall be in writing and a copy shall forthwith be mailed to the Deputy Administrator.

13. *Designation of Advisory Councils*

The Chairman and the Labor Representative of each Bituminous Coal District Board in the territory covered by each of the several Area offices of the Coal Mines Administration shall constitute an Area Advisory Council. The members of the Area Advisory Councils shall serve without compensation and will be expected to be on duty in the offices of the Area Officer-in-Charge at such times and for such periods as may prove necessary. Where there are two or more chairmen of District Boards or two or more labor representatives on any Area Advisory Council either or both groups may designate one man to serve in the absence of the others of such group.

14. *Duties of Advisory Councils*

Each Area Advisory Council shall serve as advisor to the Area Officer-in-Charge within the area of its jurisdiction and to the Administrator, transmitting to the said Area Officer-in-Charge all complaints and suggestions with reference to the operation of mines under Government control within the area of its jurisdiction, together with its recommendations respecting such complaints and suggestions and the reports of any investigations conducted with regard to the same. The members of each Area Advisory Council shall be freely consulted by the Area Officers-in-Charge. Any member of the Area Advisory Council shall be free to make specific or general suggestion or complaint to the Administrator who will give it his prompt and careful consideration.

15. *Designation of Operating Managers*

The operation of the coal mines of a mining company will ordinarily be entrusted to an officer of the company formerly in charge of operations who is authorized to act for the said company and who will, under appointment by the Administrator, during the period of Government control, act as Operating Manager for the United States, while continuing to serve as an officer and employee of the mining company. At the request of the said company, such person may be removed from the position of Operating Manager for the United States, and an officer or employee of the company nominated by the company may be appointed by the Administrator.

Where the prompt and effective cooperation of the mining company in the operation of the coal mines under Government control cannot be secured, a person other than an officer or employee of the company may be designated as the Operating Manager for the United States by the Administrator.

Where a company is in receivership or trusteeship, the receiver or trustee will ordinarily be designated Operating Manager for the United States.

16. *Status of Operating Managers*

Any officer or employee of a mining company who, with the permission of, or without objection from the said company, accepts a designation as Operating Manager for the United States of the coal mines of said company shall, together with all other officers and employees, serve in full recognition of his responsibilities to the Government and subject to all orders and regulations of the Administrator,

but he and all other officers and employees shall serve as agents and employees of the company with respect to all actions which they would have been empowered to take on behalf of the company in the absence of Government control of its property.

The Operating Manager shall continue to be subject to all restrictions and limitations imposed by the company upon his exercise of his authority. In respect of any action to which or in which the company requires its special consent or concurrence, the Operating Manager shall obtain such consent or concurrence before he takes such action. If consent is denied, the Operating Manager shall so report to the Area Officer-in-Charge, stating the circumstances of the denial. The Area Officer-in-Charge shall transmit the report to the Administrator, and the Operating Manager may proceed to take the action in question only upon direction of the Administrator.

Designation of any person as Operating Manager for the United States shall not be deemed to constitute him as officer or employee of the United States within the meaning of Federal statutes governing personnel.

The appointment of any Operating Manager shall terminate at the discretion of the Administrator upon notice to the Operating Manager.

17. *Duties of Operating Managers*

Operating Managers shall perform for their companies ordinary duties of management in accordance with established policies and practices, so far as consistent with these regulations and the instructions and orders of the Administrator and Area Officer in Charge, and shall in addition perform all special duties placed on them as Operating Managers of the United States by these regulations, by their appointment instructions, so far as consistent with these regulations, and by such orders as the Administrator or the Area Officer in Charge may issue.

An Operating Manager is authorized to take all necessary action in the manner in which and through the officials by which it has been customarily accomplished and may, as should be necessary and convenient, take action either under his customary title and designation or as "Operating Manager for the United States (name of company)," as hereinabove and hereinafter specified. No Operating Manager for the United States of any mining company is authorized or shall be regarded as having authority, express or implied, to bind or impose any liability on the United States or any of its officials or agents in the absence of a specific direction or order by the Administrator to that effect. Nor shall any operations of any mine property in the possession and control of the Government, or the proceeds, earnings, or liabilities of such mine property in any event be, or be regarded as being, for the account or at the risk or expense of the Government except as a specific written direction or order to that effect shall have been given by the Administrator.

III. OPERATION OF MINES

20. *Statement of Property Taken.*

The Operating Manager of each mine shall promptly submit to the Area Officer in Charge of the Area in which the mine is located a statement specifically enumerating and defining the properties under his management, in accordance with a form to be furnished by the Administrator. Such statement shall be promptly submitted by the Area Officer in Charge to the Administrator with recommendations as to any corrections that may appear proper and shall be subject to such correction as the Administrator, or any other official specifically designated for the purpose by the Administrator, shall from time to time find to be necessary. A copy of such revised statement shall be returned to each Area Officer in Charge to serve as a guide to him and any successor Operating Manager in the performance of their functions.

21. *Accounts and Records*

The Operating Manager shall set up and keep the books and records of the company in a manner such that the period of Government operation will be separate, or may be readily separated, from the operation of the company previously operating the mines as a private enterprise. The same set of books may be used so long as items of payments, receipts, and all other transactions engaged in on and after May 22, 1946, may be easily separated from items concerning transactions engaged in before that date.

The Operating Manager shall render such accounting as the Administrator may from time to time prescribe.

22. *Financial and Commercial Transactions*

Ordinary financial and commercial transactions shall be carried on so far as possible in accordance with the customary procedures and policies of the mining company. The Operating Managers shall enter into such financial transactions, either by way of receipt or expenditure, as are necessary to continue the enterprise, utilizing any funds or properties due or belonging to the mining company, and shall draw upon the funds and accounts of the company, utilizing customary sources of credits or funds, and make all necessary disbursements.

The Operating Managers shall, if the need arises, inform all third persons with whom they enter into such transactions that such transactions are being carried on, under the authority of the Government and the company, in accordance with customary procedures and policies, that the company remains subject to the usual methods of enforcement of its obligations, and that the Government expects that the acts and agreements of the company will be accorded the same consideration and effect as in the absence of Government control.

23. *Employment*

(a) Working conditions: In accordance with Executive Order No. 9728 and Section 4 of the War Labor Disputes Act terms and conditions of employment which were in effect at the time possession of shall be maintained except as such terms and conditions of employ-

ment may be changed by order or direction of the Administrator, subject to the provisions of Section 5 of the War Labor Disputes Act, where appropriate.

(b) Collective bargaining: In accordance with the terms of Executive Order No. 9728, the customary machinery for the adjustment of workers' grievances shall be maintained in all mines and the right of the workers shall be recognized to continue their membership in any labor organization, to bargain collectively through representatives of their own choosing, and to engage in collective activities for the purpose of collective bargaining or other mutual aid or protection, provided that such concerted activities do not interfere with the operation of the mine.

(c) Employment benefits: All benefits enjoyed by employees of the mine under private control, including State and Federal social insurance payments and benefits, workmen's compensation coverage, and group insurance, and all arrangements governing the payment of wages, including war bond purchase plans and the check-off of union dues, shall be continued.

(d) Personnel: Operating Managers shall use the customary personnel so far as practicable and take all steps to encourage miners to work under present wages and working conditions with the understanding that any eventual wage adjustments will be made retroactive, but they shall in no event use force; if any actual need has developed for maintenance of order by use of the military forces, they shall communicate with the appropriate Area Officer-in-Charge for transmission of said request to the proper officials.

All personnel of the mines, both officers and employees, shall be considered as called upon by Executive Order No. 9728, to serve the Government of the United States, but nothing in these regulations shall be construed as recognizing such personnel as officers and employees of the Federal Government within the meaning of the statutes relating to Federal employment.

24. *Application of Federal and State Law*

The mining companies, their personnel, and their property are deemed to remain subject during the period of Government control to all Federal and State Laws and to actions, orders, and proceedings of all Federal and State courts and administrative agencies. The companies are expected to meet all Federal, State, and local taxes, contributions, and assessments in the customary manner.

The mining companies are deemed to remain subject to suit as heretofore. However, no Operating Manager or Area Officer-in-Charge is authorized to bring suit, accept service, or enter into any legal proceeding, on behalf of the United States without specific direction from the Administrator. Information as to the pendency, necessity, or probability of any legal proceeding which casts in question any right of the United States should be promptly transmitted by the Operating Manager to the Area Officer-in-Charge and by the latter officer to the Administrator, with appropriate recommendations concerning the assignment of legal counsel if such assignment is indicated.

The possessory interest of the United States in the properties of the companies is deemed to be protected by the criminal laws protecting United States property.

25. *Interim Procedure for Confirmation of Financial Responsibility by Mining Company*

(a) Execution and Delivery of Instrument of Agreement and Certification

Any mining company, by a duly authorized officer or agent, may execute and deliver to the Administrator an Instrument of Agreement and Certification (in the form to be prescribed by the Administrator) confirming (as hereinafter provided) the sole financial responsibility of the mining company for its operations. Such mining company may, however, as hereinafter set forth, reserve to itself the right to assert claims for liability against the Government with respect to damage allegedly resulting from any specific direction or order of the Administrator. The Operating Manager for the coal mines of any mining company for which such Instrument of Agreement and Certification is in effect shall not be subject to the requirements as to financial transactions and current accountings set forth in Section 26. The Instrument of Agreement and Certification may be terminated by the mining company at any time upon ten days' written notice, as hereinafter provided.

By said Instrument of Agreement and Certification (subject to reservation of rights to assert claims for damage allegedly resulting from any specific directions or orders as provided in paragraph (c) of this section) the mining company shall

i. agree and confirm as its understanding that the operations of the coal mines of the mining company, and all acts and omissions of the Operating Manager, from the date of the beginning of Government possession and control to the effective date of termination of the Instrument, have been and will continue to be for the financial account of the mining company and not for the account of the United States; and

ii. adopt and ratify all acts and omissions of the Operating Manager in the operation of the coal mines of the mining company during such period, and agree that the Government and its officials shall not be subject to any claims by the mining company or others by reason of the possession and control of the coal mines of the mining company during such period; and

iii. certify that during such period the mining company will not make any disposition of its funds or incur any indebtedness which will impair the working capital of the community so as thereby to jeopardize maintenance of the maximum possible production of coal at its coal mines.

(b) Effect of Such Instrument

Subject to the reservation of rights as provided in paragraph (c) of this section, the execution and delivery of such an Instrument of Agreement and Certification to the Administrator shall be deemed to

constitute a waiver by the Government of all rights which it may have to an accounting with respect to all operations from the beginning of the period of Government possession and control to the effective date of termination of such Instrument, and a discharge of the Operating Manager from any liability to the Government with respect to all actions taken by him as such during that period.

(c) Reservation of Right to Assert Against the Government Claims for Damage Alleged to Result from Specific Directions or Orders

A mining company which has executed and delivered such an Instrument of Agreement and Certification may, nevertheless, reserve to itself the right to assert a claim for damage alleged to have been suffered, or threatened to be suffered, by it as the direct result of a specific direction or order of the Administrator, as hereinafter provided:

(1) As to any specific direction or order which has been issued prior to the date of the execution of its Instrument of Agreement and Certification, such reservation of right may be made by the mining company's transmitting to the Administrator, together with its executed Instrument of Agreement and Certification, a writing, signed by a duly authorized officer or agent, which shall:

i. Specify the particular direction or order of the Administrator which the mining company asserts directly resulted in damage to the mining company.

ii. Specify the particular action taken pursuant to such direction or order, which action would not have been taken except for such direction or order and which action, it is claimed, resulted in damage to the mining company, and

iii. Specify the nature of the damage asserted to have been so caused and the amount thereof.

Upon such transmission to the Administrator of such written specifications, the mining company shall be deemed to have reserved all rights to assert a claim for damage alleged to have been suffered or threatened during the period of Government possession and control as the direct result of compliance with the specified direction or order, and the Government shall be deemed to have reserved all rights to assert by way of offset against any such claim of liability the benefits resulting to the mining company from Government possession and control, and to assert any other defense against such claim.

Failure by the mining company to transmit to the Administrator such a writing, together with its executed Instrument of Agreement and Certification (unless upon request the Administrator shall extend the time for the transmission of the writing for good cause shown) shall be deemed to constitute acquiescence by the mining company that the consequences of all specific directions and orders issued by the Administrator prior to the date of the execution of its Instrument of Agreement and Certification shall be covered by clauses i and ii of the Instrument of Agreement and Certification.

(2) As to any specific direction or order which may be issued subsequent to the date of the execution of its Instrument of Agreement and Certification, such reservation of right may be made by the mining company's filing a timely protest with the Administrator, as follows:

If, upon the issuance by the Administrator of a specific direction or order to an Operating Manager for the coal mines of a mining company, the mining company desires to reserve the right to assert a claim for damage alleged to be threatened or to be suffered by it as the direct result of compliance with such specific direction or order, then the mining company shall protest such direction or order to the Administrator (as hereinafter provided), and in such written protest shall

i. Specify the particular direction or order of the Administrator which the mining company asserts will directly result in damage to the mining company if complied with,

ii. Specify the action which, it is asserted, is required by such direction or order to be taken, which action would not be taken except for such direction or order, and which action, it is claimed, will result in damage to the mining company,

iii. Specify the nature of the damage which the mining company asserts will be suffered by it as the result of compliance with such direction or order, and an estimate of the amount of such asserted threatened damage, and

iv. Protest the specified direction or order. Such protest shall be dispatched as aforesaid to the Administrator, Department of the Interior, Washington, D. C., by registered mail or telegram within five days of the receipt by the Operating Manager of the direction or order protested.

Upon the dispatch of such a protest as above provided, the effectiveness of the direction or order, as it applies to the Operating Manager for the coal mines of the protesting mining company, shall be suspended pending further directions of the Administrator. If thereafter the Administrator, in writing, confirms the effectiveness of the protested direction or order as it applies to such Operating Manager, such Operating Manager shall forthwith carry into effect the protested direction or order, with any modifications made by the Administrator in his confirmation thereof.

Thereupon the mining company shall be deemed to have reserved all rights to assert a claim for damage alleged to have been suffered by it during the remainder of the period of Government possession and control as the direct result of compliance with such protested direction or order, and the Government shall be deemed to have reserved all rights to assert by way of offset against any such claim of liability the benefits resulting to the mining company from Government possession and control, and to assert any other defense against such claim.

In all other respects the provisions of the Instrument of Agreement and Certification shall continue in full force and effect and the Operating Manager for the coal mines of the

protesting mining company shall continue not to be subject to the requirements as to financial transactions and current accountings set forth in Section 26. The Operating Manager, however, shall furnish to the Administrator, on his request, such pertinent information and data relating to the effect of compliance with the protested specific direction or order as the Administrator may request.

Failure by the mining company to file such a protest within the five days mentioned (unless upon request the Administrator shall extend the time for the filing of the protest for good cause shown) shall be deemed to constitute acquiescence by the mining company that the consequences of the said specific direction or order shall be covered by clauses i. and ii. of the Instrument of Agreement and Certification.

In the event that the Administrator shall expressly require that a specific direction or order issued by him shall be complied with prior to the lapse of the five-day interval for transmitting a protest as above provided, then the Operating Manager shall comply forthwith with said specific direction or order and the mining company may effect a reservation of right by transmitting, within ten days following the issuance of such express requirement, a writing in accordance with the specifications contained in subparagraph (1) above.

(d) Termination of Effectiveness of Instrument of Agreement and Certification

Any mining company having executed an Instrument of Agreement and Certification, as above provided, may terminate the effectiveness thereof as to all future acts performed by, or omissions of, the Operating Manager in the operation of the properties of the mining company, by transmitting written notice of such termination, by telegram or registered mail, to the Administrator, Department of the Interior, Washington, D. C., such termination to become effective ten days after the receipt of such notice by the Administrator.

In the event of such termination, the Administrator may assume that the mining company claims or reserves the right to claim that all operations from that date forward during the remainder of the period of Government possession and control of the mining property are for the account of the Government and accordingly that the Operating Manager for the United States and the mining company are accountable to the Government for their custodianship and disposition of proceeds from operations accrued during the balance of such period of Government possession and control

Upon and after the effective date of termination of the Instrument of Agreement and Certification, as herein provided, the Operating Manager for the coal mines of the mining company terminating such Instrument shall be subject to the requirements as to financial transactions and current accountings set forth in Section 26.

(e) Nonacquiescence in Claim of Liability, and Nonwaiver of Right to Claim Liability Except as Specifically Waived

None of the provisions of this section or of Section 26, and no action that shall be taken pursuant to any of them, shall be deemed to constitute acquiescence by the Administrator in any claim that operations during the period of Government possession and control are for the financial account of the Government, or acquiescences in any other claim that the Government or any of its officials are subject to any liability to the mining company or any other person or persons with respect to any such action, or otherwise. None of the provisions of this section or of Section 26, nor any action taken pursuant to any of them, shall be deemed to constitute a waiver by the mining company of any right which it may have to assert a claim against the United States except as specifically waived by the execution and delivery of an Instrument of Agreement and Certification (subject to reservation of right to assert claims for damage alleged to result from specific directions or orders, as hereinabove provided).

(f) Inapplicability of Certain Provisions of Section 40 to Mining Companies Executing an Instrument of Agreement and Certification Remaining Effective at Termination of Government Possession and Control

Where an Instrument of Agreement and Certification has been executed and delivered by a mining company and remains in effect on the date Government possession and control of its properties is terminated by the Administrator pursuant to Section 40 of these regulations, the company will be deemed to have satisfactorily complied with the requirements of that section for the execution and delivery of Instrument No. 1 or Instrument No. 2 therein described, as the case may be, and, unless otherwise directed by the Administrator, the appointment of the Operating Manager for the mines of the company will be deemed to be terminated without further action by the Administrator.

(g) Furnishing of Information and Compliance

Nothing in this section or in Section 26 shall be deemed or construed to impair in any way the right of the Administrator from time to time to direct and require the furnishing of information pertinent to the operations of any mining company during the period of Government possession and control, having regard to the purposes of such possession and control as set forth in Section 4 of these regulations, or the right of the Administrator to enforce compliance with orders or directions issued by him. Nor is anything in this section or in Section 26 to be deemed to limit in any way the right of the Administrator at any time to exercise his lawful authority to any degree or to any extent as circumstances arise which, in his opinion, necessitate the exercise of such authority in order to effectuate the purposes of Government possession and control as set forth in Section 4 of these regulations.

26. *Requirements as to Financial Transactions and Current Accountings*

The Operating Manager for the coal mines of any mining company for which an Instrument of Agreement and Certification as provided in Section 25 is not in effect shall not make major disbursements of an extraordinary nature of dividend payments and shall not incur indebtedness other than in the course of normal business unless:

(1) at least ten days prior to the making of such disbursement or payment or the incurring of such indebtedness, the Operating Manager shall have filed with the Administrator a notice of intention to make such disbursement or payment or to incur such indebtedness, specifying in detail the amount and nature of and the necessity for the proposed disbursement, payment, or indebtedness, and the effect thereof upon the preservation by the mining company of a working capital sufficient to enable it to maintain maximum possible production; and

(2) the Administrator shall have advised the Operating Manager that he has no objection thereto.

The Administrator may at any time request or direct such Operating Manager to take whatever steps may be appropriate with respect to: full and periodic accountings of the operation of the coal mines; inventories of all real and personal property, franchises, rights, facilities, funds, and other assets used in connection with the operation of the coal mines of the mining company and the distribution and sale of its products; the withdrawal of private management from further participation in the operation of the coal mines; and other pertinent matters. Upon the Administrator's request or direction, such Operating Manager shall furnish to him such data and information as he may request or direct pertaining to the period of operation under Government possession and control and a fair evaluation of the results thereof; the data requested may include such information for current periods as is specified in Section 40 for the entire period of Government possession and control. The Administrator may require that financial statements be certified by an independent Certified Public Accountant. Accountants and other agents of the Government shall be given reasonable access to all books, papers, and inventories of the mining company.

IV. ENFORCEMENT OF REGULATIONS AND ORDERS

30. *Enforcement Powers of Area Officers in Charge*

In any case where the prompt and effective cooperation of a mining company cannot be secured, the Area Officer in Charge may issue appropriate instructions for the operation of the coal mines of such company and shall immediately report the circumstances and his instructions to the Administrator. Pending receipt of directions from the Administrator, it shall be the duty of the Area Officer in Charge to deny access to the premises to persons not contributing to the operation of the enterprise, to prevent any interference with the coal mines or the operations under Government control, and to see that the production of coal is continued.

31. *Removal of Operating Managers*

Upon failure of an Operating Manager to comply with these regulations or the orders of the Administrator or the Area Officer-in-Charge or upon failure of a mining company to respect the action taken by its Operating Manager who is an official of the company, the Area Officer-in-Charge shall report to the Administrator the desirability of the removal of the Operating Manager, with such recommendations for a substitute as he may wish to make.

32. *Use of Military Force*

Any request for the use of the armed forces of the United States to protect life or property in connection with the operation of any mine under the control of the United States shall be submitted by the Operating Manager in charge of the mine, or his representative, to the Area Officer-in-Charge, who shall promptly transmit it with his recommendation to the liaison officer designated by the Secretary of War for the district in question and, in those cases where it is the first time such request has been made in the area, to the Administrator, for decision as to whether a request for such protection shall be submitted to the Secretary of War pursuant to the provisions of Executive Order No. 9728. Area Officers-in-Charge are authorized, except in those cases where it is the first time such request has been made in the area, to request the use of armed forces from the United States Army through the liaison officer assigned to the area. No Operating Manager shall have the authority to make a request for military protection directly to any officer of the War Department or of the United States Army.

V. TERMINATION OF GOVERNMENT CONTROL

40. *Method of Termination*

Government possession and control of any property affected by these regulations will be terminated by the Administrator upon a determination by him that the requirements for the termination of such possession and control specified in the War Labor Disputes Act of June 25, 1943, have been fulfilled.

Such termination shall be effected by a formal order of the Administrator or by specific notice to the Operating Manager specifying the effective time of such termination and requiring the posting of a notice thereof on the property. Notice of such formal order shall be given to the Operating Manager.

After the termination of Government possession and control, and for the purpose of ascertaining the existence and amount of any claims against the United States so that the administration of the provisions of Executive Order No. 9728 may be concluded in an orderly manner, the Administrator may require the submission by any mining company of information relating to operations during the period of Government possession and control as hereinafter provided.

The Operating Manager for the United States of each mining company with respect to which the United States Government has taken possession and control shall advise the Administrator when, in his opinion, such requirements for the termination of such possession and control have been fulfilled, specifying the date of declared restoration

of productive efficiency, and furnishing to the Administrator the factual evidence supporting his opinion.

Forthwith upon the termination of such possession and control by the Administrator, the mining company may elect to execute and deliver to the Administrator one of the two instruments described in paragraphs (1) and (2) below:

Either:

(1) The mining company, by a duly authorized officer or agent, not later than ten days subsequent to such termination, unless such period is extended by the Administrator for good cause shown, shall execute and deliver to the Administrator an instrument of ratification (in the form to be prescribed by the Administrator) by which the mining company adopts and ratifies all acts performed by, and omissions of, the Operating Manager for the United States in the operation of the coal mines of the company during the period of Government control, and covenants and agrees that the Government of the United States and its officials shall not be subject to any claims by the mining company or others by reason of the possession and control of the coal mines of the mining company.

The execution and delivery to the Administrator of such an instrument (hereinafter called Instrument No. 1) shall be deemed to constitute a waiver by the Government of all rights which it may have to an accounting with respect to all operations during the period of Government possession and control, and a discharge of the Operating Manager for the United States from any liability to the Government with respect to all actions taken by him as such, and, unless otherwise directed by the Administrator, the termination of the appointment of the Operating Manager for the United States without further action by the Administrator.

Or:

(2) The mining company, by a duly authorized officer or agent, not later than ten days subsequent to such termination, unless such period is extended by the Administrator for good cause shown, shall execute and deliver to the Administrator an instrument which specifically reserves to the mining company the right to assert a claim for damage alleged to have been suffered by it during the period of Government possession and control as the direct result of a specific direction or order of the Administrator, or his duly authorized agent, but which in all other respects is the same as Instrument No. 1.

Such instruments shall—

(a) specify the particular direction or order of the Administrator which the mining company asserts directly resulted in damage to the mining company,

(b) specify the particular action taken pursuant to such direction or order, which action would not have been taken except for such direction or order, and which action, it is claimed, resulted in damage to the mining company; and

(c) specify the nature of the damage asserted to have been so caused and the amount thereof.

The execution and delivery to the Administrator of such an instrument (hereinafter called Instrument No. 2), provided such instrument is in conformity with the above prescribed requirements, shall be deemed to constitute a waiver by the Government of all rights which it may have to an accounting with respect to all operations during the period of Government possession and control, expressly reserving the right, however, to assert by way of offset to any such claimed liability, benefits resulting to the mining company from Government possession and control and any other defense against such asserted liability. The execution and delivery to the Administrator of such an Instrument No. 2 shall further be deemed to constitute a discharge of the Operating Manager for the United States from any liability to the Government with respect to all actions taken by him as such and, unless otherwise directed by the Administrator, a termination of the appointment of such Operating Manager without further action by the Administrator.

The mining company shall sepcify to the Administrator such further detailed information with respect to items (a), (b) and (c), above, as shall be requested or directed by the Administrator.

If, however, within ten days after the termination of possession and control by the Government, unless such period is extended by the Administrator for good cause shown, the mining company shall not execute and deliver to the Administrator either Instrument No. 1 or Instrument No. 2, as above provided, then the Administrator may assume that the mining company claims, or reserves the right to claim, that all operations during the period of Government possession and control of the property have been for the account of the Government, and accordingly that the Operating Manager for the United States and the mining company are accountable to the Government for their custodianship and disposition of proceeds from operations accruing during the period of Government possession and control. Pending the completion of such an accounting, the appointment of the Operating Manager for the United States shall continue in force for the purpose of such an accounting and appropriate determination with respect thereto.

Accordingly, in such an event the Operating Manager for the United States and the mining company shall forthwith cause to be prepared, and shall promptly furnish to the Administrator, the following:

1. A detailed Comparative Balance Sheet as of the date of the termination of Government possession and control and as of the date of the beginning of such period.

2. A detailed Statement of Income and Profit and Loss for the period of Government possession and control.

3. A physical inventory to be taken at the close of such period, for all items normally subject to inventory.

4. A Cost and Tonnage Statement for the period in the form to be prescribed by the Administrator.

5. A detailed analysis of all changes in Current Assets, Investments, Reserves, Fixed Assets and Deferred Charges accounts occurring during the period.

6. A detailed statement of all charges to Bad Debts or against Reserves therefor.

7. An explanation of the basis of charges for Depreciation, Depletion and Amortization for the period.

8. A detailed analysis of all changes in amounts due to or from affiliated companies.

Statements required under items 1 and 2 are to be certified by an independent Certified Public Accountant unless otherwise directed by the Administrator on the application for good cause shown by the mining company. Statements required under items 3 through 8 are to be certified by an authorized officer of the company.

In addition to the foregoing, the Operating Manager for the United States and the company shall furnish to the Administrator such additional data and information as the Administrator shall request or direct pertaining to the period of operation under Government possession and control and a fair evaluation of the results thereof.

For the purposes of checking any inventories, accountings or other information submitted under this Section 40, accountants and other agents of the Government shall be given reasonable access to all books, papers, and inventories of the mining company pertinent thereto.

The books and records of the mining company covering operations during the period of Government possession and control shall be maintained intact pending the completion by accountants or other agents of the Government of such inspection thereof as may be deemed necessary by the Administrator. The books and records of the mining company pertaining to operations subsequent to the termination of Government possession and control, and pending such inspection, shall be maintained in such fashion that the effect of such operations upon the condition of the company as of the end of the period of Government possession and control will be readily ascertainable.

None of the provisions of this Section 40, and no action that shall be taken pursuant to any of them, shall be deemed to constitute acquiescence by the Administrator in any claim that operations during the period of Government possession and control were for the financial account of the Government, or acquiescence in any other claim that the Government is subject to any liability to the mining company or any other person or persons with respect to any such action, or otherwise. None of the provisions of this section, nor any action taken pursuant to any of them shall be deemed to constitute a waiver by the mining company of any right which it may have to assert a claim against the United States, except as waived by the execution and delivery of Instrument No. 1 or of Instrument No. 2.

50. *Regulations Superseded; Exceptions*

The provisions of these regulations supersede as of the effective date hereof the provisions of "Regulations for the Operation of Coal Mines under Government Control," issued by the Secretary of the Interior on May 19, 1943, as amended July 29, August 13, and December 23, 1943 (8 F. R. 6655, 10712, 11344, 17339), and made applicable to the mines possession of which was taken pursuant to Executive Order No. 9728 of 21 May 1946 except that criminal liabilities of

any person, and civil rights, duties, and liabilities of any person and of the United States of America, thereunder, shall not be affected.

BEN MOREELL,
Coal Mines Administrator.

Effective Date: 12:01 A. M., July 8, 1946.

OFFICE OF DEPUTY COAL MINES ADMINISTRATOR

APPENDIX A TO REGULATIONS

List of Area Officers-in-Charge and their locations and areas

Area No.	Area officer	Address	Producing districts
I	G. E. Slocum, Comdr. (S), U. S. N. R.	311 Old Post Office Bldg., Smithfield St. and 4th Ave., Pittsburgh 22, Pa.	1, 2, 3, 4, 6.
II	J. G. King, Comdr. (S), U. S. N. R.	Ashland Oil & Refining Bldg., 1409-13 Winchester Avenue, Ashland, Ky.	7, 8, 9, 13.
III	W. G. Triest, Comdr., CEC, U. S. N. R.	Suite 1123, Merchandise Mart Bldg., 222 W. Bank Drive N., Chicago, Ill.	5, 10, 11, 12.
IV	J. S. Stevenson, Comdr., CEC, U. S. N. R.	Pratt & Whitney Plant, Bannister Rd. & Troost Ave., Kansas City, Mo.	14, 15.
V	L. E. Smith, Comdr., SC (S), U. S. N. R.	General Land Office, c/o Supervisor of Surveys, 534 U. S. Nat'l. Bank Bldg., Denver, Colo.	16, 17, 18, 19, 20, 22, 23.

Government's Exhibit 27

UNITED STATES DEPARTMENT OF THE INTERIOR

COAL MINES ADMINISTRATION

Washington 25, D. C.

Order No. CMAN-2

Subject: Interim Safety Requirements for Mines in Government Possession under Executive Order 9728 Pending Formulation of Federal Mine Safety Code Pursuant to Section 2 (a) of Agreement between Coal Mines Administrator and United Mine Workers of America.

Under the provisions of Section 2 (a) of the Agreement between the Coal Mines Administrator and the United Mine Workers of America, dated May 29, 1946, the Director of the Bureau of Mines is required, after consultation with representatives of the United Mine Workers and such other persons as he deems appropriate, to issue as soon as practicable and not later than 30 days from May 29, 1946, a reasonable code of standards and rules pertaining to safety conditions and practices in the mines. The Coal Mines Administrator is required to put this code into effect at the mines in Government possession and control under Executive Order 9728.

The Director of the Bureau of Mines has appointed a committee to advise and assist him in the formulation of the mine safety code to be issued pursuant to Section 2 (a) of the above-described Agreement. This committee comprises the following: Dr. R. R. Sayers, Director of the Bureau of Mines, who is the Chairman of the Committee; Mr. A. D. Lewis and Mr. Harrison Combs, representing the United Mine

Workers of America; Mr. G. H. Sambrook and Mr. A. J. Bartlett, representing the coal operators; and Mr. John E. Jones, representing the Coal Mines Administrator.

The Safety Committee of the Director of the Bureau of Mines has recommended to the Coal Mines Administrator that, pending the formulation and placing into effect of the Federal Mine Safety Code to be issued pursuant to Section 2 (a) of the aforementioned Agreement, certain safety standards and rules which are recommended for observance from time to time at particular mining properties by inspectors of the United States Bureau of Mines should be made to apply to the mines in the possession of the Government under Executive Order 9728. It is the further opinion of the Committee that, in making any such recommendations with respect to individual mining properties in the possession of the United States, inspectors of the United States Bureau of Mines should be guided by the Inspection Standards for Bituminous Coal and Lignite Mines contained in Information Circular 7333 of the Bureau of Mines, United States Department of the Interior (revised July 1945).

Now, therefore, pursuant to authority granted to the undersigned by Executive Order 9728 (11 F. R. 5593) and the orders of the Secretary of the Interior, it is hereby ordered and directed that, pending the formulation and placing into effect of the Federal Mine Safety Code to be issued pursuant to Section 2 (a) of the afore-mentioned Agreement, Operating Managers for the United States at any and all mines in Government possession under Executive Order 9728 shall observe such safety standards and rules which may be recommended for observance at any particular mining property by inspectors of the United States Bureau of Mines, and which are based upon the Inspection Standards for Bituminous Coal and Lignite Mines contained in Information Circular 7333 of the Bureau of Mines, United States Department of the Interior (revised July 1945). Provided, however, that if, in the opinion of any Operating Manager for the United States, any recommendation thus made by an inspector of the United States Bureau of Mines would interfere seriously with the operation of a miner or would result in the closing of a mine, the Operating Manager shall immediately submit a statement to the Coal Mines Administrator setting forth the reasons why such recommendation should not be placed into effect, and such recommendation shall not become effective except to the extent which the Coal Mines Administrator may thereafter specifically order. Provided further that in those instances where an inspector of the United States Bureau of Mines finds that an imminent danger exists, he shall take immediate action to remove all workmen from the unsafe area until such danger is removed.

This Order shall terminate as soon as the Federal Mine Safety Code to be issued pursuant to Section 2 (a) of the Agreement between the Coal Mines Administrator and the United Mine Workers of America dated May 29, 1946, is placed into effect by the Coal Mines Administrator. Nothing in this Order, or any action taken by an inspector of the United States Bureau of Mines or the Coal Mines Administrator under this Order, shall be construed to require the Director of the Bureau of Mines, in formulating the new Federal Mine Safety Code, to adopt or include in such Code any action, recommendation or find-

ing made pursuant to this Order or any of the safety rules or standards of the United States Bureau of Mines whether referred to in this Order or otherwise.

B. MORRELL,
Coal Mines Administrator.

JUNE 7, 1946.

Government's Exhibit 28.

UNITED STATES
DEPARTMENT OF THE INTERIOR

J. A. KRUG, Secretary

BUREAU OF MINES
R. R. SAYERS, Director

FEDERAL MINE SAFETY CODE FOR BITUMINOUS COAL AND LIGNITE MINES OF THE UNITED STATES

JULY 24, 1946

[SEAL]

United States Government Printing Office
Washington 1946

For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C. Price 25 cents

UNITED STATES DEPARTMENT OF THE INTERIOR,
COAL MINES ADMINISTRATION,
Washington 25, D. C.

ORDER NO. CMAN-4

Subject: Federal Mine Safety Code:

Pursuant to the provisions of section 2 (a) of the agreement between the Coal Mines Administrator and the United Mine Workers of America, dated May 29, 1946, the Director of the Bureau of Mines, after consultation with a committee composed of two representatives of the United Mine Workers of America, two representatives of the bituminous coal industry, and a representative from the Office of the Coal Mines Administrator, has issued a reasonable code of standards and rules pertaining to safety conditions and practices in the mines.

Now, therefore, pursuant to said section 2 of said agreement, Executive Order 9728 (11 F. R. 5593) and Executive Order 9758 and the orders of the Secretary of the Interior, said code issued by the Director of the Bureau of Mines and entitled "Federal Mine Safety Code for Bituminous Coal and Lignite Mines of the United States," dated July 24, 1946, a copy of which is attached hereto and made a part hereof, is hereby put into effect for all mines in the possession and under the control of the Government pursuant to said Executive Orders 9728 and 9758.

This order shall become effective 12:01 a. m., July 29, 1946.

In accordance with its terms Order No. CMAN–2 of the Coal Mines Administrator, dated June 7, 1946, is hereby terminated, effective at close of business July 28, 1946.

A document entitled Order No. CMAN–4, dated June 26, 1946, which was given limited distribution in error but which was not authorized or duly promulgated, should be disregarded.

B. MOREELL,
Coal Mines Administrator.

JULY 24, 1946.

UNITED STATES DEPARTMENT OF THE INTERIOR,
COAL MINES ADMINISTRATION,
Washington 25, D. C.

ADMINISTRATOR'S MEMORANDUM NO. 5

1. Simultaneously with the issuance of this memorandum the Coal Mines Administrator is issuing his Order No. CMAN—4 putting into effect, in all mines in the possession and control of the Government under Executive Orders 9728 and 9758, the Federal Mine Safety Code provided for and required by section 2 (a) of the agreement dated May 29, 1946, between the Coal Mines Administrator and the United Mine Workers of America.

2. This code has been prepared and issued after preliminary consultation with representatives of the United Mine Workers of America, the operators, and the Coal Mines Administrator. A reasonable opportunity for further consultation was afforded all interested persons before the code was issued in the form in which it is now being promulgated.

3. Preparation of the code presented difficult and complex questions due, among other things, to the necessity for continuing maximum production consistent with reasonable safety conditions and practices in the mines and the wide variety of types, conditions, and methods of mines and mining to which the code must be made applicable.

4. Every attempt has been made to draft a code applicable to all mines under Government possession; but, as contemplated by section 2 (a) of the agreement of May 29, 1946, and article XIV, section 2 of the code, it is subject to review and revision. This is desirable to avoid interference with the maximum production of coal consistent with safety in the mines, or when revision is desirable to improve the provisions of the code with respect to safety requirements and practices. All interested parties are requested to bring to the attention of the Administrator any recommendations which they may have looking to review and revision of the code for the purposes stated above or for clarifying and improving its intent and meaning.

5. As provided by section 2 (a) of the agreement of May 29, 1946, the code provides "reasonable standards and rules pertaining to *safety* conditions and practices in the mines." Although not a part of the code, because they are not required by such provision, the Administrator strongly recommends the adoption of reasonable standards and practices which will improve the health and welfare of mine workers

in and about the mines. Particular reference is made to providing adequate wash houses, which the Administrator understands are already provided in a substantial part of the industry, and the elimination of unhealthy, noisome, and hazardous mine dumps, or similar waste disposal. The code does not require closed (permissible) electric cap lamps in mines where gases have not been discovered because to so require would be inconsistent with other provisions in the code regarding equipment and practices in such mines. Nevertheless, the Administrator strongly recommends the use of such lamps in all mines.

6. The Administrator makes no claim of infallibility for this Federal Mine Safety Code. The code is the result of intensive study and labor by the Director of the Bureau of Mines and his staff, assisted by representatives of the United Mine Workers of America, the operators, and the Coal Mines Administrator. Undoubtedly as experience is acquired in the administration of the code, there will be revealed desirable additions, deletions, and modifications, and it is hoped that the same cooperative effort which resulted in the preparation of the code will be available for its improvement.

7. Certainly no code can be effective unless it has the wholehearted support of all interested parties. The Administrator bespeaks such support for this first attempt at a comprehensive, industry-wide safety code.

B. MOREELL,
Coal Mines Administrator.

JULY 24, 1946.

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FEDERAL MINE SAFETY CODE FOR BITUMINOUS COAL AND LIGNITE MINES OF THE UNITED STATES

Pursuant to the authority outlined in section 2 (a) of the agreement between the Secretary of the Interior, acting as Coal Mines Administrator under the authority of Executive Order 9728 (dated May 21, 1946, 11 F. R. 5593), and the United Mine Workers of America, which agreement provides for the issuance by the Director of the United States Bureau of Mines of a reasonable code of standards and rules pertaining to safety conditions and practices in the coal mines of the United States, the following code is herewith promulgated in the interest of safety of mine workers at the mines in the possession of the United States under said Executive order.

No provision made herein shall be construed or operate to nullify any existing contract between mine employees and mine management or to nullify any existing State statutes, but this code is intended to supplement the aforesaid statutes in the interest of increased mine safety. All mines shall be inspected in accordance with the Federal Coal Mine Inspection and Investigation Act (see article XII, section 5*a*, of this code) by inspectors of the Federal Bureau of Mines. Any violations of this code shall be reported to the Coal Mines Administrator.

ARTICLE 1—SURFACE STRUCTURES

SECTION 1. *Tipple and cleaning plant.*—*a.* In dusty locations, electric motors, switches, and controls shall be of dusttight construction. Open-type motors, switches, or controls now in use in tipples and cleaning plants in dusty locations may be continued in use until such dusttight equipment can be procured, or until they can be corrected with reasonably dusttight housings or enclosures.

b. Structures shall be kept free of coal-dust accumulations.

c. Where coal is dumped at or near air-intake openings, reasonable provisions shall be made to prevent the dust from entering the mine.

d. Where repairs are being made to the plant, proper scaffolding and proper overhead protection shall be provided for workmen wherever necessary.

3 *e.* Welding shall not be done in dusty atmospheres or dusty locations, and firefighting apparatus shall be readily available during welding.

SEC. 2. *Lamp house.*—*a.* Naphtha or other flammable liquids in lamp houses shall be kept in approved containers or other safe dispensers.

b. Flame safety lamps shall be permissible and maintained in permissible condition. All flame safety lamps shall be checked by the persons using them, by a qualified lamp attendant, or by a fire boss, immediately before entering the mine.

c. When not in service, flame safety lamps and electric cap lamps shall be under the charge of a responsible person.

SEC. 3. *Stairways, ladders, and platforms.*—

a. Stairways, ladders, elevated platforms, and runways shall be equipped with handrails.

b. Elevated platforms and stairways shall be provided with toeboards where necessary, and they shall be kept clear of refuse and maintained in good repair.

SEC. 4. *Housekeeping.*—*a.* Good housekeeping shall be practiced in and around mine buildings and yards. Such practices include cleanliness, orderly storage of materials, and the removal of possible
4 sources of injury, such as stumbling hazards, protruding nails, and broken glass.

ARTICLE II—MISCELLANEOUS SURFACE CONDITIONS

SECTION 1. *Surface fire prevention.*—*a.* Oil, grease, and similar flammable materials shall be stored in closed containers, separate from other materials so as not to create a fire hazard to nearby buildings or mines. If oil or grease is stored in a building, the building or the room in which it is stored shall be of fire-resistive material and well ventilated. Tight metal receptacles shall be provided for oily waste.

b. Smoking in or about surface structures shall be restricted to places where it will not cause fire or an explosion.

c. Unless existing structures located within 100 feet of any mine opening are of reasonably fireproof construction, fire doors shall be erected at effective points in mine openings to prevent smoke or fire from outside sources endangering men working underground. These doors shall be tested at least monthly to insure effective operation.

ARTICLE III—TIMBERING

SECTION 1. *Timbering system.*—*a.* Minimum standards for
5 systematic timbering suitable to the roof conditions and mining system of each mine shall be adopted. The minimum standards of timbering shall be complied with by workmen and officials, and additional timbering shall be done wherever it is necessary to afford adequate protection.

SEC. 2. *Timber supply and timbering.*—*a.* At each mine, the management shall provide at or near the face workings an ample supply of timber and cap pieces or wedges of proper size with which to timber working places in a safe manner.

b. Temporary safety posts, jacks, or cross bars shall be set close to the face when necessary, before other mining operations are begun, and as needed thereafter.

c. All underground working places shall be timbered sufficiently to protect employees working at the face from falls of roof, ribs, or face. Loose top and overhanging or loose faces and ribs shall be either timbered adequately or taken down.

d. Timber removed by cutting-machine or loading-machine operators or knocked out by blasting shall be replaced promptly, unless they are not needed for adequate roof support or protection.

6 SEC. 3. *Testing of roof, ribs, and face.*—*a.* It shall be the duty of the mine foreman or mine manager, assistant mine foreman, and mine inspectors to ascertain if workmen understood roof, rib, and face testing. Uninformed workmen and new employees shall be instructed properly in correct methods of testing.

b. Face workers and other employees exposed to hazards from falls of rock and coal shall, unless this testing is specifically and satisfactorily performed by others, examine and test the roof, ribs, and face before starting work or before starting a machine and frequently thereafter. When dangerous conditions are found, they shall be corrected immediately by taking down loose material or by proper and adequate timbering before work is continued or any other work is done.

c. During work on any shift, the mine foreman or mine manager in charge of the shift or his designated assistants shall examine, or cause to be examined by a competent person, roof, ribs, and face of working places and passageways where men travel, for dangerous conditions. Where found, such dangerous conditions shall be corrected promptly by removing loose roof or rib, by adequate tim-
7 bering, or duplication of defective timbering where necessary. Such timbering shall conform to the clearance provisions hereinafter provided.

d. When there is danger of coal rolling on a person during or after undercutting or center cutting, it shall be spragged by placing blocks in the cut or by blocking with leaning posts.

SEC. 4. *Removal of timber.*—*a.* In worked-out places where timber are being removed, persons engaged in drawing timber shall not be permitted to work alone.

ARTICLE IV—EXPLOSIVES AND BLASTING

SECTION 1. *Surface magazines.*—*a.* Separate surface magazines shall be provided for the storage of explosives, detonators, and Cardox heater elements.

b. Surface magazines for storing and distributing high explosives in amounts exceeding 125 pounds shall be:

1. Reasonably bulletproof and constructed of incombustible material or covered with fire-resistive material. The roofs of magazines so located that it is impossible to fire bullets directly through the roof from the ground need not be bulletproof, but where it is possible to fire bullets directly through them, roofs shall be made bullet-resistant by material construction, or by a ceiling that forms a tray con-

taining not less than a 4-inch thickness of sand, or by other methods.

2. Provided with doors constructed of ⅜-inch steel plate lined with a 2-inch thickness of wood, or the equivalent.

3. Provided with floors made of wood or other nonsparking material and have no metal exposed inside the magazine.

4. Provided with suitable warning signs so located that a bullet passing directly through the face of a sign will not strike the magazine.

5. Provided with properly screened ventilators.

6. Equipped with no openings except for entrance and ventilation.

7. Kept locked securely when unattended.

c. Surface magazines for storing black blasting powder, detonators, and Cardox heater elements need not be bulletproof, but they shall be in accordance with other provisions for storing high explosives.

d. High explosives, black blasting powder, or Cardox heater elements in amounts of 125 pounds or less or 5,000 detonators or less shall be stored in accordance with preceding standards or in separate box-type magazines. Box-type magazines may also be used as distributing magazines when quantities do not exceed those mentioned. Box-type magazines shall be constructed strongly of 2-inch hardwood or the equivalent. Metal magazines shall be lined with nonsparking material. No magazines shall be placed in a building containing oil, grease, gasoline, waste paper, or other highly inflammable material, nor shall a magazine be placed less than 20 feet from a stove, furnace, open fire, or flame.

e. After the effective date of this code, and where practicable, the location of magazines shall be not less than 200 feet from any mine opening unless effectively barricaded.

f. The supply kept in distributing magazines shall be limited to approximately 1 day's requirements, and such supplies of explosives and detonators may be distributed from the same magazine, if separated by at least a 6 inch substantially fastened hardwood partition or the equivalent.

g. The area surrounding magazines for not less than 25 feet in all directions shall be kept free of rubbish, dry grass, or other materials of a combustible nature.

h. If the explosives magazine is illuminated electrically, the lamps shall be of explosion-proof type, installed and wired so as to present minimum fire and contact hazards.

i. Only nonmetallic tools shall be used for opening containers. Extraneous materials shall not be stored in an explosives or detonator magazine.

j. Smoking, carrying smokers' articles, or open flame shall be prohibited in or near any magazine.

SEC. 2. *Cardox charging station.—a.* A Cardox charging station shall:

1. Be in a fireproof structure on the surface or isolated from other operations in the same building by a substantial fireproof partition.

2. Be provided with at least two methods of relieving excess pressure in the storage tank. If one of these methods is a valve, the valve shall be tested monthly.

3. Have a box-type magazine or equivalent for storing the daily supply of heater elements.

SEC. 3. *Underground transportation.—a.* Individual containers used to carry permissible explosives or detonators shall be constructed of substantial nonconductive material. Other explosives shall be carried in rigid nonconductive containers. The container shall be closed and maintained in good condition.

b. When explosives or detonators are transported underground by locomotive, rope, or shuttle car, they shall be in covered cars or in special containers.

1. The bodies and covers of special cars and the containers shall be constructed of nonconductive material.

2. If explosives and detonators are hauled in the same explosives car or in the same special container, they shall be separated by at least a 4 inch substantially fastened hardwood partition or the equivalent.

3. Permissible explosives and detonators not to exceed 1 day's supply may be carried on the same trip with workmen, where this is now the practice, provided that individual special containers are constructed of substantial, rigid, nonconductive material and explosives and detonators are carried in separate containers.

4. Nonpermissible explosives shall not be carried on man-trips or material trips, but only on special trips. Cardox shells shall not be carried on man-trips.

5. Where quantities of explosives and detonators are transported in special cars or in special containers in cars (not carried by individual workmen on man-trips), they shall be hauled on special trip, not connected to any other trip, and shall not be hauled into or out of a mine within 5 minutes preceding or following a man-trip or any other trip.

c. Explosives and detonators shall be transported underground by belt only under the following conditions:

1. In the original and unopened case, in special closed cases constructed of nonconductive material, or in suitable individual containers.

2. Clearance requirements shall be the same as those for transporting men on belts (article VII, section 7*i*).

3. Suitable loading and unloading stations shall be provided.

4. There shall be an attendant at loading and unloading points and stop controls at these points.

d. Explosives or detonators shall not be transported on flight or shaking conveyors, or by scraper or mechanical loading machines.

SEC. 4. *Underground storage.—a.* Underground section boxes or magazines shall be of substantial construction and placed in a crosscut or idle room neck at least 25 feet from roadways or trolley wires and in a reasonably dry and well-rock-dusted place.

b. When such section boxes or magazines are used, the explosives and detonators shall be kept in separate boxes or magazines, or if kept in the same box they shall be separated by at least a 4 inch substantially fastened hardwood partition or the equivalent. Not more than a 48-hour supply of explosives, including any surplus remaining from the previous day, shall be stored underground in such boxes or magazines.

c. Explosives kept near the working faces in individual containers shall be kept not less than 15 feet from rail or power lines, except that if kept in a niche in the rib, the distance shall be at least 5 feet, and in a location out of line of blast where they will not likely be subjected to shock. Detonators shall be kept in a separate container under similar conditions.

d. Explosives and detonators shall be kept in their containers until removed for use at the working faces.

SEC. 5. *Blasting practices.—a.* In all mines, for the blasting of coal or other blasting operations, permissible explosives or permissible blasting devices shall be used except as hereinafter provided for. The use of permissible explosives shall comply with the following:

1. Fired only with electric detonators of proper strength.

14 2. Fired with permissible single-shot blasting units or permissible multiple-shot blasting units (when available), unless blasting is done from the surface.

3. Boreholes in coal shall not be drilled beyond the back of the cut, nor into the solid rib, roof, or floor.

4. Boreholes shall be cleaned and checked to see that they are placed properly and are of correct depth, in relation to the cut, before being charged.

5. To prevent blow-throughs, all portions of the boreholes, where the height of the coal permits, shall have a burden in all directions of at least 18 inches before being fired.

6. Boreholes shall be stemmed with at least 24 inches of incombustible material, or at least one-half of the length of the hole shall be stemmed if the hole is less than 4 feet in depth.

7. Examinations for gas shall be made immediately before and after firing each shot where on-shift shooting is done. (See article V, section 10a.)

b. Charges exceeding 1½ pounds, but not exceeding 3 pounds, shall be used only if boreholes are 6 feet or more in depth, and explosives are charged in a continuous train, with no cartridges deliberately deformed or crushed, with all cartridges in contact with each

15 other, and with the end cartridges touching the back of the hole and the stemming, respectively, and class A or class B permissible explosives are used.

c. Shots shall be fired by certified shot firers. In the absence of State certification, competent persons shall be designated to fire shots. The shot firer or such designated person shall comply with the requirements of sections 5 and 6 of article IV.

d. In mines where shooting is done on shift, all shots or series of shots shall be fired immediately after charging.

e. Only wooden tamping bars shall be used when charging holes.

f. Leg wires of electric detonators shall be kept shunted or the ends twisted together until ready to connect to the firing cable.

g. Shots shall not be fired from the power or signal circuit while any men are in the mine.

h. Roof and faces of working places shall be tested before and after blasting on shift.

i. Ample warning shall be given before shots are fired, and care shall be taken to ascertain that all persons are in the clear. Men shall

be removed from adjoining working places when there is danger of a shot blowing through.

16 *j.* Mixed charges shall not be charged or fired in any bore-hole.

k. Adobe (mudcap) or other open, unconfined shots shall not be fired in any mine.

SEC. 6. *Blasting cables.*—*a.* Blasting cables shall be:

1. Well-insulated and as long as may be necessary to permit the shot firer to get in a safe place around a corner.

2. Short-circuited at the battery end until ready to attach to the blasting unit.

3. Staggered as to length or kept well-separated when attached to the detonator leg wires.

4. Kept clear of power wires and all other possible sources of active or stray currents.

SEC. 7. *Black blasting powder.*—*a.* The storage, handling, and use of black blasting powder in any form for blasting purposes in mines is herewith declared dangerous. However, because of physical characteristics of some coal beds and surrounding strata, certain mines are now using black powder for blasting. Where black blasting powder is used, the following shall apply:

1. The provisions governing the handling, transportation, and storage of permissible explosives underground shall apply to

17 the handling, transportation, and storage of granular or pellet black powder, except that black blasting powder shall be hauled only on special trips.

2. Blasting with granular or pellet black powder shall be done after the end of the shift when all men are out of the mine, except the necessary number of men to perform the actual shooting: *Provided, however,* That black powder may be fired on shift if it is proved to the satisfaction of the Director of the United States Bureau of Mines that 0.25 percent of methane or more by chemical analysis cannot be found in the mine, that rock dusting is maintained in accordance with provisions of article VI, section 2, that the use of permissible explosives would interfere seriously with the operation of a mine or destroy the marketability of the coal, or that the physical conditions and cycle of operation are such that blasting cannot be done on the off-shift: *And provided further,* That pending establishment of the conditions stated above, which shall be done promptly, on-shift blasting may continue.

3. At every mine where granular or pellet black powder is

18 used for blasting, shot firers shall be employed to charge, tamp, and fire all shots, and they shall be certified under the laws of the State in which the mine is located. In States where no provision is made for the certification of shot firers, competent and capable men shall be designated as shot firers.

4. Shot firers shall make an examination of each drill hole prior to charging.

5. Holes drilled on the solid into the ribs, roof, or floor shall not be charged or fired.

6. Center or breaking shots shall be fired first, and after these shots have exploded, the shot firer shall return and fire the remaining shots.

7. Shots shall be fired singly except when fired from the surface with all persons, including shot firers, out of the mine.

8. Boreholes shall not be underloaded or overloaded.

9. Granular black powder shall be inserted into each borehole in the form of a cartridge. Loose powder shall not be used.

10. Holes shall be tamped tightly to the mouth with incombustible material, and only wooden tamping bars shall be used.

11. The firing of shots shall be done with electric squibs and an electric blasting unit, and mine current shall not be used to set off shots unless all men, including shot firers, are out of the mine.

12. The firing cable shall be well-insulated and as long as may be necessary to permit the shot firer to get in a safe place around two corners.

13. Adobe (mudcap) or other open, unconfined shots shall not be fired in any mine.

SEC. 8. *Misfires.*—*a.* Where misfires occur with electric detonators or electric squibs, a waiting period of at least 5 minutes shall elapse before anyone returns to the shot. After such failure, the blasting cable shall be disconnected from the source of power and the battery end short-circuited before electric connections are examined.

b. Explosives shall be removed by firing a separate charge at least 2 feet away from, and parallel to, the misfired charge or by washing the stemming and the charge from the borehole with water, or by inserting and firing a new primer after the stemming has been washed out.

c. A very careful search of the working place, and, if necessary, of the coal after it reaches the tipple shall be made after blasting a misfired hole, to recover any undetonated explosive.

d. The handling of a misfired shot shall be under the direct supervision of the mine manager or mine foreman or a competent person designated by him.

SEC. 9. *Cardox.*—*a.* The provisions governing the handling, storage, and transportation of explosives shall apply to the heater elements of Cardox blasting devices prior to their installation in the shells.

b. Charged Cardox shells shall be transported underground in insulated cars or in insulated boxes placed in ordinary mine cars and shall be stored on wooden racks, built for that purpose, in a crosscut or an idle room neck, at least 10 feet from power lines and haulage tracks.

c. Where Cardox is used for blasting, the following shall apply:

1. Cardox shells need not be tamped or stemmed.

2. When Cardox is fired, all persons in the vicinity, including the shot firer, shall be around a second corner or in an equally safe place.

3. Blasting cables shall be as long as may be necessary to assure the safety of the shot firer, attached only after the charge has been placed in the borehole, and maintained in good repair.

4. The charge shall be detonated with a permissible shot-firing unit.

21 5. Cardox shall not be shot off the solid, over heavy rock binders or shale, or in a "tight" shot.

6. Cardox misfires caused by the failure of the disk to rupture shall not be removed from the hole until after the lapse of 15 minutes and shall be handled under the supervision of a foreman or other competent designated person.

7. Misfired shells shall be bled off promptly and marked conspicuously upon removal from the hole.

SEC. 10. *Airdox.—a.* Where Airdox is used for blasting or breaking down the coal, the following shall apply:

1. Compressed air shall be conducted from the compressor to within a practical working distance of the face by steel air lines tested to withstand an approximate pressure of 20,000 pounds a square inch.

2. Air lines shall be grounded at the compressor and, if possible, at other low-resistance ground connections along the lines, such as at borehole casings. They shall not be connected in any way to tracks, water lines, or other electric power return conductors and shall be suitably insulated where they cross electric wires or underneath the track.

22 3. Unions shall be installed in steel air lines at not more than 1,000-foot intervals.

4. Shut-off valves shall be installed every 1,000 feet in all Airdox lines and, in all branch lines, at a point near the main lines.

5. Airdox lines shall be protected at places where equipment passes over, under, or adjacent to them.

6. Steel or copper lines shall not be handled or repaired when air pressure is in the line.

7. Air lines shall be examined periodically for kinks or other weaknesses and replaced immediately when defects are found.

8. Copper tubing shall be coiled and uncoiled properly. The part of the tubing that is affected by frequent coiling and uncoiling shall be renewed periodically because of the dangers from kinks and crystallization.

9. Blow-down valves shall not be less than 45 feet from the face and shall be around a right angle.

10. Holes for Airdox tubes shall not be drilled on the solid.

11. The Airdox tube shall be pushed to the back of the drill hole and then withdrawn 6 to 12 inches to form an air cushion.

12. When blow-down valves are opened to discharge the Air-
23 dox tube, they shall remain open until time to place the tube in the next borehole.

13. After the breaking down of the coal in any one place, the tube shall be disconnected at once from the air line and not reconnected until ready to be used in the next place.

14. When an Airdox tube fails to discharge, the copper line leading to the tube shall be disconnected at the blow-down valve, and the tube shall be dragged by means of the copper line to an abandoned place, marked with warning signs, and left for 12 hours before any repair work is done thereon.

15. All persons shall be removed from adjoining working places where there is danger of breaking through and shall be at a safe distance around a right angle while coal breaking is in progress.

ARTICLE V—VENTILATION AND MINE GASES

SECTION 1. *Main fans.—a.* All main fans shall be installed on the surface in fireproof housings, situated not less than 15 feet from the nearest side of the mine opening, and be equipped with fireproof air ducts and ample pressure-relief or explosion doors. However, present fans that are offset any distance from the mine opening need not be moved if they otherwise comply with the provisions of this section.

In lieu of requirements for the location of the fan and the pressure-relief or explosion doors, the fan may be directly in front of, or over, the mine opening, provided the opening is not in direct line with possible forces coming out of the mine if an explosion occurs, and provided further that there is another opening having a weak-wall stopping or explosion doors that would be in direct line with the forces coming out of the mine if an explosion occurs, such opening to be not less than 15 feet nor more than 100 feet from the fan opening.

b. Main fans now located at the bottom of a shaft in fireproof surroundings may be continued in use. Future installations of a main fan at the bottom of a shaft may be permitted only after a finding by the Director of the United States Bureau of Mines that such installation is necessary, that it would not materially increase the hazards of the mine, and that conditions, such as a surface stand-by fan, and other safety requirements that he may prescribe, will be complied with.

c. Main mine fans shall be installed to permit the reversal of air flow, provided with a pressure-recording gage or water gage, and, unless the fan is attended constantly, an automatic device to give alarm when the fan slows down or stops. This device shall be placed so that it will be seen or heard by a responsible person.

d. The fan shall be on a separate power circuit, independent of the mine circuit. (See article V, section 10*a*.)

e. Main-fan installations shall be protected from wood fire, grass fire, and rubbish for at least 100 feet in all directions from the fan installations, where physical conditions permit.

f. The fan shall be inspected daily and a record kept of the inspection, which shall be open for inspection by interested persons.

g. When the main fan fails or stops, immediate action shall be taken to cut off the power and withdraw the men from the face regions of the mine. If ventilation is restored in a reasonable time, the face regions and other places where methane is likely to accumulate shall be reexamined by certified or capable supervisors, and if found to be free from explosive gas, power may be restored and work resumed. If ventilation is not restored in a reasonable time, all underground employees shall be removed from the mine. (See article V, section 10*a*.)

h. Main fans shall be operated continuously except when the mine is shut down with all men out of the mine. In such event, after the fan has been started, the mine shall be examined for gas and other hazards and made safe before men, other than the examiners, are permitted in the mine.

SEC. 2. *Booster and auxiliary fans.—a.* After the effective date of this code, the installation of booster fans shall not be permitted, unless

after a finding by the Director of the United States Bureau of Mines that such installation is necessary for the safe operation and proper ventilation of the mine, that it would not materially increase the hazard of the mine, and that such conditions and safeguards as he may prescribe will be complied with. In mines where such fans are now being used, their use may be continued, but they shall be surrounded with safeguards as follows:

1. The fan motor shall be an enclosed type, the surroundings of the fan fireproofed, and the fan installed and located so as to prevent recirculation of air.

2. Passageway by the fan installation shall be by means of an air-lock, the doors of which shall have at least 30 square feet cross-sectional area and open automatically when the fan stops operating.

27 3. In case of booster-fan stoppage, the procedure hereinbefore contained in this code with respect to stoppage of main fans shall apply to the section of the mine affected.

4. Inspected at least twice each shift and provided with a signal light, audible signal, or attended constantly.

b. Auxiliary or blower fans with tubing may be used to ventilate shaft and slope-sinking operations and their underground connections; the faces of rock tunnels being driven between two coal beds or through faults and wants, if they are powered with permissible driving units, operated continuously, inspected at least twice during each shift, and so placed that recirculation of air is not possible. (See article V, section 10*a*.)

c. After the effective date of this code, auxiliary or blower fans with tubing shall not be used, except as provided for in section 2b; however, the use of blower fans with tubing may be continued in mines where they are now being used, but they shall be surrounded with safeguards as follows:

1. The fan shall be powered with a permissible driving unit and installed on the intake-air side of the entrance of the place to
28 be ventilated so as to prevent the recirculation of air. (See article V, section 10*a*.)

2. The volume of air passing the fan shall not be less than 2½ times the capacity of the fan.

3. The fan tubing shall be maintained in good condition. The discharge end of the tubing shall be kept within 20 feet of the face, and not more than 300 feet of the tubing shall be extended from the fan.

4. Places ventilated by means of blower fans shall be examined for methane by a certified official or other competent person designated by the mine foreman or mine manager before the fan is started at the beginning of the shift and after the interruption of fan operation for 5 minutes or more during the shift. (See article V, section 10*a*.)

5. Accumulations of methane shall not be moved by means of a blower fan and tubing; only line brattice shall be used for this purpose.

6. The fan and tubing shall be inspected at least twice during each working shift.

SEC. 3. *Volume of air.—a.* The main intake air current shall be directed into the mine, and when necessary shall be divided into splits utilizing air crossings, where needed, so as to ventilate all parts of the mine effectively.

b. The number of men on a split shall conform to the requirements of the law of the State in which the mine is situated.

c. The quantity of air reaching the last open crosscut in any pair or set of entries shall not be less than 6,000 cubic feet a minute. However, the quantity of air reaching the last open crosscut in any pair or set of entries in pillar sections may be less than 6,000 cubic feet a minute, provided that at least 6,000 cubic feet of air a minute is being delivered to the intake end of the pillar line. Mines now operating without the prescribed quantity of air in the last open crosscut of each pair or set of entries may continue to operate in such manner, but prompt action shall be taken to deliver the required minimum volume of air in the last open crosscut of each pair or set of entries in the mine.

d. The air current at working faces shall under any condition have a sufficient volume and velocity to dilute and carry away smoke from blasting and any flammable or harmful gases.

e. At least once each week, the mine foreman or mine manager, his assistants, or other competent persons designated by the mine foreman or mine manager shall measure the volume of air near the main intake or main return, the amount passing through the last open crosscuts of entries, and the volume of air in each split. A record of these measurements shall be kept in a book on the surface and shall be open for inspection by interested persons.

SEC. 4. *Coursing of air.—a.* The main-intake and main-return air currents in slope mines driven after the effective date of this code shall be in separate openings. The main-intake and main-return air currents in a single shaft sunk after the effective date of this code shall be separated by a curtain wall or partition substantially constructed of fireproof material.

b. Underground stables, battery-charging stations, and transformer stations containing liquid-filled transformers shall be well-ventilated by separate splits of air conducted through vents to the return air courses and returning direct to the surface.

c. Changes in ventilation that may affect the safety of the men shall be made when the mine is idle and with no men in the mine, other than those engaged in changing the ventilation.

SEC. 5. *Quality of air.—a.* Air in which men work or travel in mines shall be improved when it contains less than 19.5 percent oxygen, more than 0.5 percent carbon dioxide, or is contaminated with noxious or poisonous gases.

b. If the air immediately returning from a split that ventilates any group of active workings contains more than 1.0 percent methane, as determined with a permissible flame safety lamp, by air analysis, or by other recognized means of accurate detection, the ventilation shall be improved.

c. If the air immediately returning from a split contains 1.5 percent methane, the employees shall be withdrawn from the mine or portion of the mine affected, and all power shall be cut off from said mine or portion of the mine until such dangerous condition has been corrected: *Provided, however,* That in virgin territory in those mines ventilated by exhaust fans, where methane is liberated in large amounts and a large volume of air is provided (double or more than the minimum

requirements contained in section 3*c* of this article), the methane content in a split may exceed 1.5 percent but shall not exceed 2.0 percent: *Provided further*, That only permissible electric equipment is used, that the air does not pass over trolley or other bare power wires, and that a certified official is continually testing the gas content of the air during mining operations.

d. At working faces and other places where methane has
32 accumulated and is likely to attain an explosive mixture, blasting shall not be done and the men shall be removed from such working faces or places until such condition has been corrected.

e. When the methane content of air in face operations exceeds 1 percent at any point not less than 12 inches from the roof, face, or rib, as determined by a permissible methane detector, a permissible flame safety lamp, or chemical analysis, this condition shall be corrected by improving the ventilation promptly.

SEC. 6. *Crosscuts and stoppings.—a*. Crosscuts between entries and rooms shall be made at intervals consistent with practice in the States where mine operations are conducted.

b. Crosscuts between entries shall be closed, except the last one in a pair or set of entries.

c. Where necessary to obtain a movement of air to the face of a room to clear the room of flammable or noxious gases, crosscuts between rooms shall be closed, except the one nearest the face.

d. Where practicable, a crosscut shall be provided at or near the face of each entry or room before the place is abandoned.

e. Entries, rooms, or chutes shall not be turned off an entry beyond the last crosscut. This does not apply to the driving of such
33 places to make a connection at the first crosscut or similar passageway used as a main airway in connection with an entry. It does apply to extending such places beyond the airway before the main intake and return passageways are connected.

f. On entries other than room entries, stoppings in crosscuts between intake and return airways shall be built of solid, substantial, incombustible material, such as concrete, concrete blocks, brick, or tile. In mines where physical conditions exist because of heavy or caving ground so as to make the use of concrete, concrete blocks, brick, or tile impracticable, timbers laid longitudinally "skin to skin" may be used.

SEC. 7. *Doors and overcasts.—a*. Doors used on main-entry or cross-entry (entries from which room entries are turned) haulage roads, which when open would connect intake and return air courses ventilating the mine in by such doors, shall be built to allow minimum leakage of air and shall be in pairs to provide an air lock large enough to contain an entire trip: *Provided, however*, When only a single door is installed, such single door shall be attended except in the case of panel or room entries in process of development. Where air-
lock doors are provided, there shall be sufficient leakage to
34 prevent accumulations of methane between the doors.

b. Doors shall be kept closed except when men or equipment is passing through the doorways. Motor crews and other persons who open doors shall see that the doors are closed before leaving them.

c. Overcasts shall be constructed tightly of incombustible material, such as masonry, concrete, concrete blocks, or prefabricated metal, of sufficient strength to withstand possible falls from the roof, and be of ample area to pass the required quantity of air.

SEC. 8. *Line brattice.*—*a.* Substantially constructed line brattice shall be used from the last open crosscut of an entry or room, when necessary to remove gases, explosive fumes, and smoke. When damaged by falls or otherwise they shall be repaired promptly.

b. The space between the line brattice and the rib shall be large enough to permit the flow of a sufficient volume of air to keep the working face clear of flammable and noxious gases.

c. Flame-resistive brattice cloth shall be used in the construction of line brattice.

SEC. 9. *Old workings.*—*a.* Abandoned workings shall be posted to warn unauthorized persons against entering the territory.

35 *b.* Abandoned workings shall be sealed or ventilated. The sealing or ventilating of abandoned workings shall be governed by the law or practice in the State where the mine is operated.

c. Where practice is to seal abandoned workings, the sealing shall be done in a substantial manner with incombustible material. In every sealed area, one or more of the seals shall be fitted with a pipe and cap or valve to permit the gases behind the seals to be sampled and also to provide a means of determining any existing hydrostatic pressure.

d. Air that has passed through abandoned sections or that has been used to ventilate pillar lines shall not be reused to ventilate live workings. Mines that cannot comply with this requirement may continue to operate as at present until future mine development and ventilation can be changed to permit compliance with this section. (See article V, section 10*a*.)

SEC. 10. *Examinations for gas and dangerous conditions.*—*a.* Any mine in which methane has been ignited or has been found by a permissible flame safety lamp or by air analysis in an amount of 0.25 percent or more in any open workings shall be operated in full

36 compliance with this code. However, a mine in which methane has not been detected shall be exempted from compliance with the following provisions or the part thereof indicated:

Article IV, section 5*a*7.

Article V, sections 1*d*; 1*q*; 2*b*; 2*c*1 (Permissible driving unit only); 2*c*4; 9*d*; 10*c*; 10*j* (Gas and oxygen testing only); and 10*k* (Gas testing only).

Article VII, section 6*d* (Except open-flame trip lights shall not be used).

Article VIII, sections 9*a*; 9*c*; 9*d*; 9*f* (Gas testing only); and 9*h*.

Article XI, sections 5*a*; 6*a*; 6*b* (Gas testing only).

Article XII, sections 1*c* (Permissible cap lamp and flash lamp only).

The exemptions from compliance hereinbefore provided for shall continue until the presence of gas in the mine has been verified by the United States Bureau of Mines and the operating manager advised thereof.

b. Not less than two permissible flame safety lamps in proper working condition shall be kept available at each mine for the use of authorized persons. Only permissible flame safety lamps, methane detectors, or air sampling and analysis shall be used for determining the presence of methane in mine air.

c. Mine officials whose regular duties require them to inspect working places shall have in their possession, when underground, a permissible flame safety lamp in safe working condition, for the detection of methane and oxygen deficiency. (See article V, section 10*a*.)

d. Fire bosses or mine examiners shall make examinations of all mines before other men are permitted to enter, and they shall begin their examination in the first working place in their assigned territory not more than 4 hours before the first shift enters the mine; however, such examinations in multiple-shift operations may be made by certified officials or other competent persons designated by the mine foreman or mine manager within 4 hours of the entrance of the next or succeeding shift, provided that in mines in which gas has not been found, such examination need be made only once in 24 hours.

e. The duties of the fire boss or mine examiner shall be to visit every live working place in the mine; test with a permissible flame safety lamp for accumulations of methane, noxious gases, and oxygen deficiency; examine seals and doors; test and inspect the roof, face, and rib conditions on active roadways and travelways, approaches to abandoned workings, and accessible falls in active sections for explosive gas and other hazards; be certain that the air is traveling in its regular course in each split; and place his initials and the date at or near the face of each place examined.

f. Where dangerous conditions are found by the fire boss or mine examiner (or other official), the place shall be marked out with a DANGER sign and no one except an authorized person shall cross the DANGER sign and then only for the purpose of correcting the dangerous condition.

g. Upon completion of his examination, the fire boss or mine examiner shall report to a proper official on the surface or report at a designated underground station any defects found, before the men enter the mine or pass such designated station.

h. The fire boss or mine examiner shall record in ink or indelible pencil the result of his inspection in a book, kept on the surface for that purpose. Similar records may also be kept at designated stations underground.

i. Idle and abandoned sections shall be inspected for gas and other dangerous conditions by a certified foreman or fire boss immediately before other employees are permitted to enter or work in such place.

j. At least once during each shift while the men are in the mine, or oftener if necessary for safety, the mine manager or mine foreman, his designated assistants, or other designated competent persons shall examine all working places with a permissible flame safety lamp for methane, noxious gases, oxygen deficiency, and other hazards. Any dangerous condition found shall be corrected promptly. (See article V, section 10*a*.)

k. Pillar workings shall be examined for explosive gas and other dangers before a fall is made. If methane is found in amounts that can be detected with a permissible flame safety lamp, the fall shall not be made until the gas is removed or other precautions taken to safeguard all employees. (See article V, section 10*a*.)

l. At least once each week air samples shall be collected for analysis, or tests for methane shall be made in all mines with a permissible methane indicator or a permissible flame safety lamp by the mine foreman or mine manager or other competent person designated by him, in the return of each split immediately outby the last working
40 place, in the main return, pillar falls, seals, abandoned workings, and entrances thereto, who shall also make an examination for other dangerous conditions; leave his initials and date at the places examined; and, if dangerous conditions are found, they shall be corrected promptly. A record of these tests and examinations shall be kept.

m. The mine foreman or mine manager shall read and countersign the record book of the fire bosses or mine examiners daily and read and countersign the daily and weekly reports of assistant mine foremen, or where existing State laws require other procedure such signing shall be done in accordance with prevailing practice. Where such reports disclose any dangerous conditions prompt action shall be taken to have them corrected. The superintendent or official in charge of the mine shall also read and countersign the daily and weekly reports of mine officials.

n. All records of daily and weekly reports shall be open for inspection by interested persons.

ARTICLE VI—COAL AND ROCK DUST

SECTION 1. *Control of coal dust.—a.* Coal dust shall not be permitted to accumulate excessively on roadways and along conveyor lines.

41 *b.* Where mining operations raise an excessive amount of dust into the air, water or water with a wetting agent added to it or other effective methods shall be used to allay such dust at its source.

SEC. 2. *Rock dusting.—a.* All mines, except those mines or those locations in a mine which are too wet or too high in incombustible content to propagate an explosion, shall be rock-dusted to within 80 feet of the faces of rooms and entries; however, if the mine or any part of it is wet but becomes dry, the mine or portion of the mine so affected shall be rock-dusted as soon as it becomes dry.

b. In mines partially rock-dusted or in mines that are required to start rock dusting, haulageways and parallel entries connected thereto by open crosscuts shall be rock-dusted. Back entries shall be rock-dusted for at least 1,000 feet outby the junction with the first active entry. Inby this junction, the rooms, entries, and crosscuts shall be rock-dusted by generalized rock dusting as provided for in section 2*a*.

c. Where rock dust is applied, it shall be distributed upon the top floor, and sides of all open places and maintained in such quantity that the incombustible content of the mine dust will not be less

42 than 65 percent. In trackless entries and air courses, protection in lieu of generalized rock dusting may be had by using bags filled with rock dust, if they are placed at regular intervals and staggered as described in Bureau of Mines Report of Investigations 3411.

d. When methane is present in any ventilating current, the 65 percent of incombusible matter shall be increased 1 percent for each 0.1 percent methane.

e. Pending tests to be conducted at the Experimental mine, variations of the method described in Report of Investigations 3411 may be continued in mines now using or starting to use the bag method. After completion of these tests, the Director of the Bureau of Mines will review the results of the tests and will issue a revision of article VI, section 2.

ARTICLE VII—TRANPORTATION

SECTION 1. *Hoisting.—a.* A qualified hoisting engineer shall be on duty continuously when men are underground.

b. Hoists used for handling men shall be equipped with overspeed, overwind, and automatic stop controls, unless a second engineer is on duty.

c. At the beginning of each shift and after the hoist has
43 been idle, the hoisting engineer shall operate the cages up and down the shaft at least one round trip before hoisting or lowering men. Similar procedure shall be followed in slope hoisting, except that an attendant may ride on the trip.

d. Slope, shaft, or incline-plane hoists shall be equipped with brakes capable of stopping and holding the fully loaded unbalanced cage or trip at any point in the shaft, slope, or on the incline.

e. An accurate and reliable indicator, showing the position of the cage or trip, shall be placed so as to be in clear view of the engineer, unless the position of the car or trip is clearly visible to the engineer at all times.

f. Hoisting equipment shall be inspected daily and a record made of such inspection, which shall be open for inspection by interested persons.

g. Hoisting ropes on all cages or trips shall be adequate in size to handle the load and have a proper factor of safety as defined in the American Standards Association's Wire Rope Standards and shall be replaced when it shows more than six broken wires in any single pitch length or lay of rope.

h. The rope shall have at least three full turns on the drum
44 when extended to its maximum working length and shall make at least one full turn on the drum shaft or around the spoke of the drum (in case of a free drum) and be fastened securely by means of clamps.

i. A hoisting rope shall be fastened to its load by a spelter-filled socket or by a thimble and clamps.

SEC. 2. *Cages and shafts.—a.* Cages used for hoisting men shall be of substantial construction; with adequate steel bonnets; with enclosed sides; with gates, safety chains, or bars across the ends of the cage

when men are being hoisted or lowered; and men with sufficient handholds or chains for all men on the cage to maintain their balance.

b. The floor of the cage shall be constructed so that it will be adequate to carry the load and so that it will be impossible for a workman's foot or body to enter any opening in the bottom of the cage.

c. Cages used for handling men shall be equipped with safety catches that act quickly and effectively in an emergency.

d. Cages shall be inspected daily. A test of safety catches on cages shall be made at least every 2 months. A written record shall be kept of inspections and tests, which shall be open for inspection by interested persons.

45 *e.* The speed of the cage when hoisting or lowering men, unless regulated by State laws, shall not exceed 900 feet a minute.

f. There shall be at least two independent methods of signaling, one of which shall be audible to the engineer, from all landings in shafts and slopes.

g. An approved signal code shall be in use at each mine and shall be posted prominently in the engine room in easy sight of the engineer and at all places where signals are given.

h. Workmen shall wear safety belts while doing repair work in or over shafts.

i. An attendant shall be on duty at all cage stations when men are being hoisted or lowered at the beginning and end of each operating shift and when men are working in the shaft.

j. Shafts shall be equipped with self-closing or manually controlled safety gates at surface landings.

k. Positive stop blocks or derails shall be placed near shaft surface landings.

l. At the bottom of each hoisting shaft and at intermediate landings, a "run-around" shall be provided for safe passage from one side of the shaft to the other. This passageway shall be not less than 5 feet in height and 3 feet in width.

46 SEC. 3. *Haulage roads.—a.* The roadbed, rails, joints, switches, frogs, and other elements of the track of all haulage roads shall be constructed, installed, and maintained in a manner consistent with speed and type of haulage operations being conducted to insure safe operation.

b. Track switches, except room and entry development switches, shall be provided with properly installed throws, bridle bars, and guardrails; switch throws and stands, where possible, shall be placed on the clearance side.

SEC. 4. *Clearance and shelter holes.—a.* Haulage roads on entries developed after the effective date of this code shall have a continuous unobstructed clearance of at least 24 inches from the farthest projection of moving equipment.

b. On haulage roads where trolley lines are used, the clearance shall be on the side opposite the trolley lines.

c. On the trolley-wire or "tight" side, there shall be sufficient clearance to prevent the farthest projection of moving equipment from rubbing or coming in contact with ribs or timber.

d. After the effective date of this code, all new sidetracks, partings, or entries equipped with more than one track shall have a
47 clearance of at least 24 inches between the outermost projection of moving traffic.

e. The clearance space on all haulage roads on entries driven before or after the effective date of this code shall be kept free of loose rock, coal, supplies, or other materials, provided that not more than 24 inches need be kept free of obstructions.

f. Ample clearance shall be provided at all points where supplies are loaded or unloaded along haulage roads or conveyors.

g. Where it is necessary for men to cross conveyors regularly and where the width of conveyors or low roof introduces a hazard, suitable cross-over bridges shall be provided.

h. Shelter holes shall be provided along haulage entries driven after the effective date of this code where locomotive, rope, animal, or shuttle-car haulage is used. Such shelter holes shall be spaced not more than 80 feet apart. Except where the trolley wire is 6 feet or more above the roadbed or guarded effectively at the shelter holes, they shall be on the side of the entry opposite the trolley wire.

i. Shelter holes made after the effective date of this code shall be at least 5 feet in depth, not more than 4 feet in width, and 6 feet in
48 height or as high as the traveling space, if the traveling space is less than 6 feet high. Room necks and crosscuts may be used as shelter holes even though their width exceeds 4 feet.

j. Shelter holes shall be kept clear of refuse and other obstructions.

k. Shelter holes shall be provided at switch throws, except where more than 6 feet of clearance is maintained and at room switches.

l. At each landing of a slope where men are passing and cars are handled, a shelter hole at least 10 feet deep, 4 feet wide, and 6 feet high shall be provided.

SEC. 5. *Haulage equipment.—a.* Nonpermissible internal-combustion engines or other machinery which gives off noxious fumes shall not be permitted underground in any coal mine.

SEC. 6. *Safety devices and practices.—a.* Locomotives shall be equipped with proper devices for the rerailing of locomotives and cars.

b. An audible warning device and headlights shall be provided on each locomotive.

c. Where hoists are used for handling men in underground slopes, in pitching beds, or on slopes between two or more beds, the provisions governing hoisting or haulage mentioned heretofore shall apply.

d. A permissible trip light shall be used on the rear of trips
49 pulled, and on the front of trips lowered into slopes or pushed. Trip lights need not be used during gathering operations at working faces. The use of efficient reflectors in lieu of trip lights may be continued where now in use pending an investigation by the United States Bureau of Mines to determine the effectiveness of such reflectors. (See article V, section 10*a*.)

e. Pushing of cars on main haulage roads shall be prohibited, except where necessary to push cars from sidetracks to producing entries, where necessary to clear switches and sidetracks, and on the approach to cages.

f. Back-poling shall be prohibited except at places where the trolley pole cannot be reversed or when going up extremely steep grades and then only at very slow speed.

g. Other than the motorman and trip rider, no person shall ride on a locomotive unless authorized by the mine foreman, and no person shall ride on loaded cars or between cars of any trip, except that the trip rider may ride on the last car.

h. Motormen and brakemen shall not get on or off cars, trips, or locomotives in motion, except that a brakeman may get on or off the rear end of a slowly moving trip to throw a switch or to close a door.

50 *i.* All trips and all traffic equipment shall come to a complete stop before couplings are made by hand, unless a coupling hook is used.

j. Standing cars on any track, unless held effectively by brakes, shall be properly blocked or spragged. Cars shall be secured effectively at working faces.

k. On slopes and planes having a knuckle, there shall be a positive-acting stopblock, at or above the knuckle, and a derail.

l. On entries going to the rise, a positive stopblock or derail shall be placed outby the switch of the first active working place.

m. On entries going to the dip, a positive-acting stopblock or derail shall be placed just outby the switch to the first active working place, and a stopblock shall be placed just inby the switch of the last active working place.

n. When coal is not being loaded, but men are working at a room or entry face, a positive-acting stopblock or derail shall be placed across the room or entry track, or the room switch shall be kept closed to prevent cars from being inadvertently pushed or running into the places.

o. Slides, skids, or other adequate means shall be used on descending trips on grades where the locomotive is not adequate to control
51 the trip, and, where practicable, a drag shall be used on ascending trips.

p. Material being hauled inside the mine shall be so loaded and protected that there is no danger to the motorman or brakeman from sliding of equipment and material.

SEC. 7. *Transportation of men.*—*a.* Man-trips shall be operated at safe speeds consistent with the condition of roads and type of equipment used, but not to exceed 12 miles an hour.

b. Each man-trip shall be under the charge of a responsible person, and it shall be operated independently of any loaded trip of coal or other material.

c. Cars on the man-trip shall not be overloaded, and sufficient cars in good mechanical condition shall be provided.

d. No person shall ride under the trolley wire unless suitable covered man-cars are used.

e. No material or tools shall be transported in the same car with men on any man-trip, and all persons shall ride inside of man-trip cars, except the motorman and brakeman or trip rider.

f. Men shall not load or unload before the cars in which they are to ride or are riding come to a full stop, and men shall proceed in an orderly manner to and from man-trips.

52 *g.* A waiting station shall be provided where men are required to wait for man-trips or man-cages. It shall have sufficient room, ample clearance from moving equipment, and adequate seating facilities.

h. Trolley and power wires shall be guarded effectively at man-trip stations where there is a possibility of any person coming in contact with energized electric wiring while loading or unloading from the man-trip.

i. Where belts are used for transporting men, a minimum clearance of 18 inches shall be maintained between the belt and the roof or cross bars, projecting equipment, cap pieces, overhead cables, wiring, and other objects; but where the height of the coal bed permits, the clearance shall not be less than 24 inches.

j. The belt speed shall not exceed 250 feet a minute while men are loading, unloading, or being transported.

k. The space between men riding on a belt line shall be not less than 5 feet.

l. Loading and unloading stations shall be illuminated properly.

m. An official or some other person designated by the mine foreman shall supervise the loading and unloading of belts and man-trips.

53 ARTICLE VIII—ELECTRICITY

SECTION 1. *Surface transmission lines.—a.* Overhead high-potential power lines shall be placed at least 15 feet above the ground and 20 feet above driveways and haulageways, shall be installed on insulators, and shall be supported and guarded to prevent contact with other circuits.

b. Overhead power circuits shall be protected against lightning and voltage surges, and high-potential power lines shall be protected adequately by circuit breakers, fuses, or both.

c. Electric wiring in surface buildings shall be installed so as to present minimum fire and contact hazards.

SEC. 2. *Transformer stations.—a.* Unless surface transformers are isolated by elevation (8 feet or more above the ground), they shall be enclosed in a transformer house or surrounded by a suitable fence at least 6 feet high. If the enclosure is of metal, it shall be grounded effectively. The gate or door to the enclosure shall be kept locked at all times, unless authorized persons are present.

b. Surface transformers containing flammable oil and installed where they present a fire hazard (near mine openings or in or near combustible buildings) shall be provided with means to drain or to
54 confine the oil in event of rupture of the transformer casing.

c. Transformers ordered after the effective date of this code, both permanent and portable, for use underground shall be air-cooled or non-flammable-liquid-cooled.

d. Permanent underground stations containing transformers filled with flammable oil shall be provided with door sills, or their equivalent, that will confine the oil if leakage or explosion occurs.

e. Portable underground substations for transformers or other power-conversion equipment shall be in fireproof housings. Where the installation contains transformers filled with flammable oil, means shall be provided to confine the oil in event of leakage or explosion.

f. DANGER—HIGH VOLTAGE signs shall be posted conspicuously on all transformer enclosures, high-potential switchboards, and other high-potential installations.

SEC. 3. *Substations and switchboards.*—*a.* Permanent underground substations shall be in rooms of fireproof construction. Surface and underground substations shall be kept free from refuse, and metal containers shall be provided for oily waste.

55 *b.* Switchboards installed after the effective date of this code shall be located so that ample room will be provided between the switchboard and passageways or lanes of travel and shall have an entrance at each end to permit authorized persons to inspect, adjust, or repair apparatus back of the board. Switchboards shall have the entrance to the rear guarded against entrance of unauthorized persons, unless in a building that is kept locked.

c. Switchboards shall be well lighted for switch operations in the front and for repair and maintenance in the rear.

d. Rooms housing switchboards shall be free of debris and refuse.

e. Pull switches and circuit breakers, or other power controls, shall be mounted on slate or other suitable insulating material.

SEC. 4. *Power circuits.*—*a.* High-potential power cables (600 volts or more) carried from the surface through shafts, boreholes, and underground passageways shall be adequate for the services intended, installed in a permanent manner, and guarded from mechanical injury.

b. Power wires, whether bare or insulated, except ground wires, shall be supported on or by well-installed insulators and shall not touch combustible materials, roof, or ribs.

56 *c.* Power wires shall be insulated properly when passing through doors and stoppings and where they cross other power circuits.

d. Electric cables and wires, other than signal wires and trolley wires used for haulage, installed in haulage slopes shall be buried not less than 12 inches below combustible material or installed in fireproof protective conduit.

e. Where track is used as a power conductor:

1. Both rails of main-line tracks shall be well-bonded and cross-bonded at least every 200 feet; however, if the track circuit is paralleled with a feeder cable, both rails of the tracks shall be well-bonded, and cross-bonds shall be installed at least every 1,000 feet in both the track and feeder circuit.

2. At least one rail on secondary haulage roads shall be well-bonded, and cross-bonds shall be installed at least every 200 feet.

3. Switches on entries shall be well-bonded.

f. Power shall be disconnected before repair work is to be done on energized electric circuits or energized parts of electric equipment.

Employees required to make repairs on energized bare trolley lines should wear protective clothing, such as insulated shoes and lineman's gloves, or the power shall be disconnected.

57 *g.* Trolley and feeder wires shall be installed as follows:

1. On the opposite side of the entry from shelter holes and clearance space, except where 6 feet or more above the roadbed or adequately guarded at shelter holes.

2. The hangers on curves shall be spaced so that the trolley wire may become detached at any one hanger without exposing the locomotive operator to a shock hazard.

3. Alined properly and installed at least 6 inches outside the track-gage line.

4. Provided with cut-out switches at intervals of not more than 2,000 feet and near the beginning of all branch lines.

5. Kept taut and not permitted to touch the roof, rib, or cross bars; particular care shall be taken where they pass through door openings to preclude the possibility of bare wires coming in contact with combustible material.

6. Guarded adequately where it is necessary for men to pass or work under them regularly, unless the wires are more than 6½ feet above the top of the rail. They shall also be guarded adequately on both sides of doors.

7. Shall not extend beyond the last open cross-cut and shall be kept at least 150 feet from pillar workings.

8. Anchored securely and insulated properly at the ends.

58 9. Not in air known to contain 1.0 percent or more methane or in air returning from pillar recovery work or old workings where dangerous amounts of methane may be liberated suddenly, provided that, when this requirement is not being complied with, reasonable time may be allowed to make necessary changes.

SEC. 5. *Grounding.—a.* Metal conduit and metallic coverings and armor of cables shall be grounded and shall be electrically continuous to afford a conductor path for the ground circuit.

b. Metallic frames, casings, and other electric equipment that can become "alive" through failure of insulation or by contact with energized parts shall be grounded.

c. Casings of transformers shall be grounded unless protected by isolation (freedom from contact hazard by position).

d. Mining equipment mounted on rubber tires or caterpillar treads, receiving power through a trailing cable, purchased after the effective date of this code, shall be grounded effectively.

SEC. 6. *Circuit breakers and switches.—a.* Fuses or equivalent protective devices of the correct type and capacity shall be installed on electric equipment to protect against excessive overload. Wires

59 or other conducting materials shall not be used as a substitute for properly designed fuses, and where circuit breakers are used, they shall be maintained in good operating condition and adjusted so that equipment cannot be overloaded.

b. Switches and circuit breakers shall be installed so that they are readily accessible and can be operated without danger of contact with moving or live parts.

c. Disconnecting switches shall be installed in all main power circuits at the bottoms of shafts, boreholes, and other places where main power circuits enter the mine.

d. Underground electric equipment and circuits shall be provided with switches or other controls of safe design, construction, and installation.

e. Circuit breakers or other overload devices shall be provided to protect power circuits. If they are automatic, they shall be set so that the circuits cannot be overloaded.

f. Dry wooden platforms, rubber mats, or other electrically nonconductive material shall be kept in place at each switchboard and power-control switch, and at stationary machinery where shock hazards exist.

SEC. 7. *Telephone systems.—a.* Telephone service shall be
60 provided at the bottom of each main shaft or slope and in all mines from the surface to the working sections of the mine, where the mine workings are 1,500 feet or more from the surface.

b. Telephone lines, other than cables, shall be carried on insulators, installed on the opposite side from power or trolley wires, and where they cross power or trolley wires they shall be insulated adequately.

c. Telephone circuits on the surface shall be protected by lightning arresters.

SEC. 8. *Signal systems.—a.* Signal wires shall be supported on insulators and insulated properly where they cross power lines.

b. Bare signal wires that are readily accessible to personal contact shall not carry more than 30 volts. (This does not apply to block-signal systems.)

SEC. 9. *Electric face equipment.—a.* After the effective date of this code, all new electric face equipment and replacements of equipment purchased for mines where nonpermissible equipment is now being used shall be of a permissible type approved by the United States Bureau of Mines, except that explosion-tested cable-reel locomotives and shuttle cars may be used. This does not apply to equipment
61 ordered before the effective date of this code. (See article V, section 10*a*.)

b. Permissible junction or distribution boxes shall be used for making multiple-power connections in working places or other places where dangerous quantities of methane may be present or may enter the air current, except that where nonpermissible junction or distribution boxes are now in use, or on order, their use may be continued until such time as replacements are made.

c. Permissible equipment shall be maintained in a good state of repair and in permissible condition. (See article V, section 10*a*.)

d. In mines where nonpermissible equipment is now being used, care shall be taken to protect the workmen by making frequent examinations of the air for methane content and by preventing interruptions of the ventilating current. (See article V, section 10*a*.)

e. No electrically driven equipment shall be taken into or operated in a working place where 1.0 percent or more methane can be detected at any point not less than 12 inches from the roof, face, or rib with a permissible-flame safety lamp.

f. In all face working where electrically driven equipment
62 is operated, frequent inspections for methane shall be made. If a dangerous condition exists, the machines shall be stopped until such dangerous condition is removed. (See article V, section 10*a*.)

g. Electric drills or other electrically operated rotating tools intended to be held in the hands and post drills shall have the electric switch constructed so as to break the circuit when the hand releases the switch or shall be equipped with friction or safety clutches.

h. Explosion-tested cable-reel locomotives shall be equipped with two-conductor trailing cables. (See article V, section 10*a*.)

SEC. 10. *Trailing cables.—a.* All new trailing cables (when available) used on electric mine equipment shall be constructed of materials having fire-resistive qualities.

b. Cables for portable underground electric equipment shall be provided with suitable overload protection and power taps, unless properly connected to permissible junction or distribution boxes.

c. Temporary splices on trailing cables shall be made in a workmanlike manner, mechanically strong, and well-insulated.

SEC. 11. *Underground illumination.—a.* Electric light wires
63 shall be supported by suitable insulators and fastened securely to the power conductors.

b. Electric lights shall not be installed within 150 feet of pillar workings or advancing workings.

c. Electric lights shall be installed so that they cannot come in contact with combustible materials.

ARTICLE IX—SAFEGUARDS FOR MECHANICAL EQUIPMENT

SECTION 1. *Face equipment.—a.* The cutter chains of mining machines shall be locked securely to prevent accidental movement while being trammed or when parked.

b. Rock drilling with percussion drills shall be done wet, except as provided for in article XI, section 7*g*.

SEC. 2. *Shop and other equipment.—a.* The following shall be guarded adequately:

1. Gears, sprockets, friction devices, and couplings with protruding bolts or nuts.
2. Shafting and projecting shaft ends that are within 7 feet of floor or platform level.
3. Belt, chain, or rope drives that are within 7 feet of floor or platform.
64 4. Fly wheels. (Where fly wheels extend more than 7 feet above the floor, they shall be guarded to a height of at least 7 feet.)
5. Circular and band saws and planers.
6. Repair pits. (Guards shall be kept in place when the pits are not in use.)

b. Machinery shall not be repaired or oiled while in motion, unless such oiling can be done without danger to the oiler.

c. A guard or safety device removed from any machine shall be replaced before the machine is put in operation.

d. Mechanically operated grinding wheels shall be equipped with:
1. Safety washers and tool rests.
2. Substantial retaining hoods, the hood openings of which shall not expose more than 90° sector of the wheel.
3. Eye shields, unless goggles are worn by the operators.

ARTICLE X—UNDERGROUND FIRE PREVENTION, FIRE CONTROL, AND MINE DISASTERS

SECTION 1. *Fire prevention and control.—a.* Each mine shall be provided with suitable fire-fighting equipment, adequate for the size of the mine, such as supplies of rock dust at doors and at other strategic places, water lines, and hose, water or chemical trucks, and fire extinguishers.

65 *b.* Clean, dry sand, rock dust, or fire extinguishers, suitable from a toxic and shock standpoint, shall be provided and placed at each electrical station (substations, transformer stations, permanent pump stations) so as to be out of the smoke in case of a fire in the station.

c. After every blasting operation performed on shift by shot firers or other persons, an examination shall be made to determine whether fires have been started.

d. Should a fire occur, the person discovering it and any persons in the vicinity of the fire shall make a prompt effort to extinguish it.

e. If, or when, a fire has attained such proportions that an individual cannot extinguish it, he shall report immediately the existence of the fire to a competent official of the mine, who shall order all workmen from that part of the mine affected by the fire, except those needed for fire fighting.

f. If the fire gets out of control, men shall be withdrawn; and the part of the mine in which the fire is located or the entire mine, as conditions may require, shall be sealed or flooded.

g. All fire-fighting operations shall be under the direct supervision of the mine manager or mine foreman or a designated assistant
66 who shall consult with the Federal inspectors, who shall serve in an advisory capacity.

h. Underground storage places for lubricating oil and grease in excess of 2 days' supply shall be of fireproof construction.

i. Lubricating oil and grease kept in face regions or other working places shall be in portable, closed, metal containers.

j. Underground structures (transformer stations, battery-charging stations, substations, permanent pump rooms, etc.) installed after the effective date of this code shall be of fireproof construction. Where the fireproofing material is in contact with timber or coal, it shall not be of metal.

k. Hay or straw shall be transported from the surface to underground stables in enclosed incombustible cars. It shall be stored in a fireproof structure apart from the stable or in a fireproof compartment within the stable.

SEC. 2. *Mine disasters.—a.* When a disaster occurs in a mine, the nearest office of the United States Bureau of Mines and the proper State inspection authorities shall be notified promptly of such disas-

ter. All facilities of the mine shall be made available for recovery operations.

b. After a disaster, immediately following the recovery work
67 and before the wreckage and debris of the disaster are disturbed, a committee of Federal coal-mine inspectors designated by the Director of the United States Bureau of Mines shall make an investigation as to the cause of the disaster and make recommendations to prevent a repetition. The findings of this committee shall be presented in written form; a condensed copy shall be posted on the bulletin board of the mine; complete copies shall be supplied the management the State inspection bureaus, officers of the United Mine Workers of America, and the United States Bureau of Mines and such report or reports shall be publicized. This investigation and a report shall be made within 10 days after the completion of the recovery operations. Where conditions are such that recovery operations are prolonged over an extended period, interim reports shall be made and publicized.

c. After a disaster, when the mine has been placed in condition to operate, an inspection of such mine in its entirety shall be made by a Federal coal-mine inspector; and if such inspection discloses any dangerous conditions, they shall be reported immediately to the operating manager or his representative and to the Coal Mines Administrator. If the Coal Mines Administrator so directs, the
68 mine shall not resume operations until the dangerous conditions are corrected.

ARTICLE XI—MISCELLANEOUS

SECTION 1. *Mine map.—a.* An accurate map of the mine, brought up to date at least every 6 months, shall be kept posted in a place accessible to employees: *Provided, however,* That such a map of a mine producing a maximum of 1,000 tons per day or less need not be brought up to date more often than once a year.

SEC. 2. *Oil and gas wells.—a.* The drilling and sealing of oil and gas wells penetrating coal beds or open workings of mines shall be done in compliance with State statutes.

SEC. 3. *Approaching abandoned workings.—a.* Whenever any working place approaches within 200 feet of abandoned workings that cannot be inspected and that may contain dangerous accumulations of water or gas, boreholes shall be kept at least 20 feet in advance of the face, and 45° angle rib holes shall be drilled at least 20 feet deep and not more than 8 feet apart.

SEC. 4. *Mine openings and escapeways.—a.* Every underground mine shall have at least two separate surface openings.
69 *b.* Main slope or drift openings shall be separated by at least 50 feet of natural ground in all mines opened after the effective date of this code.

c. New shafts and partitions therein, made after the effective date of this code, shall be fireproof. Buntons and guides may be of wood.

d. Mine openings at isolated locations, where there is danger of fire entering the mine, shall have adequate protection against surface fires entering the mine.

e. Not more than 20 persons shall be allowed at any one time in the mine until a connection has been made between the 2 mine openings, and work shall be prosecuted with reasonable diligence.

f. When only 1 main opening is available, owing to final mining of pillars, not more than 20 persons shall be allowed in such mine at any one time.

g. There shall be at least two travelable passageways, to be designated as escapeways, from each working section to the surface whether the mine openings are shafts, slopes, or drifts. They shall be kept in safe condition for travel and reasonably free from standing water and other obstructions. One of the designated escape-
70 ways may be the haulage road: *Provided, however,* That one of the escapeways shall be ventilated with intake air. At mines now operating with only one free passageway to the surface, immediate action shall be taken to provide a second passageway.

h. Where the designated escapeways are shafts:

1. They shall be equipped with hoist and cage, or with travelable stairway, or ladders. No shaft more than 30 feet deep sunk after the effective date of this code shall be equipped with ladders.

2. Stairways shall be of substantial construction set at an angle not greater than 45° with the horizontal, and equipped on at least one side with a suitable handrail; landing platforms shall be at least 2 feet wide and 4 feet long and shall be railed properly.

3. Ladders shall be anchored securely.

4. Where ladders, or stairways set at an angle greater than 45°, are now installed, their use may be continued provided they are of substantial construction, with platforms at intervals of not more than 30 feet and equipped with a hand rail in the case of stairways.

i. If a designated escapeway is a slope of not more than 45°,
71 it shall be equipped with a stairway or adequate walkway with cleats. If the slope is more than 45°, stairway shall be installed.

j. Direction signs shall be posted conspicuously to indicate manways and designated escapeways.

SEC. 5. *Cap lamps and checking systems.*—*a.* All workmen and other persons underground shall use only permissible electric cap lamps for portable illumination. This does not preclude the use of other types of permissible electric lamps. Mines now operating with open-light equipment may continue to so operate until permissible electric cap lamps can be secured from suppliers. (See article V, section 10*a*.)

b. Each mine shall have a check-in and check-out system that will provide positive identification upon the person of every individual underground. An accurate record of the men in the mine, which shall consist of a written record, a check board, or a time-clock record, shall be kept on the surface in a place that will not be affected in the event of an explosion. Said record shall bear a number identical to the identification check carried by the person underground.

SEC. 6. *Arcs, sparks, and flames.*—*a.* Because of explosion
72 and fire hazards, all persons in underground workings of a mine are herewith prohibited from intentionally creating any arc, spark, or open flame, except those that cannot be avoided in the normal performance of work. The carrying of matches or other

flame-making devices into a mine shall be prohibited. (See article V, section 10*a*.)

b. Welding and cutting (with electricity or flame) shall be restricted to places where trolley locomotives are permitted under the provisions of this code, except that where it is necessary to do welding and cutting in face regions, such work shall be under the direct supervision of a certified official, who shall test for gas before starting operations and frequently thereafter. In all welding and cutting operations, precautions shall be taken against starting a fire; and the area shall be rock-dusted. (See article V, section 10*a*.)

SEC. 7. *Protective clothing.*—*a*. All persons shall wear protective hats while underground and also while on the surface where falling objects may cause injury.

b. Protective footwear shall be worn by employees, officials, and others while on duty in and around a mine where falling objects may cause injury.

73 *c*. All employees inside or outside of mines shall wear approved-type goggles where there is a hazard from flying particles.

d. Welders and helpers shall use proper shields or goggles to protect their eyes.

e. Employees engaged in haulage operations and other persons employed around moving equipment on the surface and underground shall wear snug-fitting clothing.

f. Protective gloves shall be worn when material which may injure the hands is handled, but gloves with gauntlet cuffs shall not be worn around moving equipment.

g. Men exposed for short periods to gas, dust, fume, and mist-inhalation hazards shall wear permissible respiratory equipment. When the exposure is for prolonged periods, other measures to protect workmen or to reduce the hazard shall be taken.

SEC. 8. *Definitions.*—*a*. The words "interested persons" as used in this code shall be construed to mean: Members of the Mine Safety Committee; all other authorized representatives of the United Mine Workers of America; Federal, State, and county coal-mine inspectors; and, to the extent required by State law, any other persons.

74 ARTICLE XII—GENERAL SAFETY CONDITIONS

SECTION 1. *Duties, qualifications, and certification of persons employed underground.*—*a*. The mine manager or mine foreman in charge of a mine shall be certified as being qualified under the laws of the State in which the mine is operated. His duties shall be to supervise the operation of the mine; to check the ventilating system of the mine to see that air is traveling its regular course; to order prompt correction of all existing dangerous conditions; to see that workmen are supplied with timber of proper length, quantity, and quality, and other supplies necessary for the operation of the mine; to supervise the handling of explosives; and to supervise the operation of the mine to protect the life and limb of employees—all in accordance with this code and applicable State laws.

b. A mine manager or mine foreman may designate assistants who shall be duly qualified for their position under the laws of the State in which the mine is operated and may delegate to them authority and duties such as are specified in this code.

c. Fire bosses or mine examiners shall be certified as such or be the possessor of a mine-foreman or mine-manager certificate issued under the laws of the State in which the mine is operated, or be qualified and competent persons appointed by the management; and their duties shall be to examine the mine as required in article V, section 10*d*, 10*e*, 10*f*, 10*g*, and 10*h*. Fire bosses or mine examiners shall be equipped with permissible flame safety lamps and with permissible cap lamps or flash lamps. They shall also have a suitable device for testing roof and ribs. (See article V, section 10*a*.)

d. Shot firers, electricians, machine operators, and other persons whose duties include the testing for gas shall be qualified for their respective occupations under the laws of the State in which the mine is operated. In States which have no laws qualifying such persons, the mine manager or mine foreman shall designate competent workmen to perform such duties.

e. In States that require certification of miners, all miners shall secure such certificates in accordance with requirements.

f. The certificates of competency, as hereinbefore stated, shall be made a matter of record on the surface of the mine, and this record shall be available for inspection by interested persons.

SEC. 2. *Reporting of accidents.*—*a.* The management of a mine shall keep an accurate record of all accidents occurring at the mine that involve an injury to an employee (lost-time and no-lost-time accidents). A record of all accidents resulting in loss of time beyond the day of injury, together with the required employment and production data, shall be reported on forms 6–1420 and 6–1420A to the United States Bureau of Mines at the end of each calendar month, except that an immediate report shall be made to the United States Bureau of Mines of any accident involving a fatality. The United States Bureau of Mines shall compile a record of fatal and nonfatal accidents on a basis of man-hours of exposure; an annual report on a calendar-year basis of such accidents shall be published and shall be furnished to the officers of the United Mine Workers of America and to the executives of the coal industry.

SEC. 3. *Reporting of hazards.*—*a.* Any employee of a mine or any representative of the employees of a mine who discovers an unsafe condition in the mine shall immediately report such unsafe condition to his immediate supervisor and, if not corrected in a reasonable time, to the safety committee of the mine.

SEC. 4. *First aid and medical care.*—*a.* Each mine shall have an adequate supply of first-aid equipment to be used in case of injury to employees, and such supplies shall be located on the surface, at the bottom of shafts and slopes, and at other strategic locations near the working faces. The first-aid supplies shall be encased in suitable sanitary receptacles designed to be reasonably dusttight and moistureproof and shall be available to all persons employed in the mine. In addition to the material in the cases, splints, blankets, and

stretchers necessary for the treatment of injuries and for the transportation of injured persons shall be provided.

b. When an injury occurs, a doctor shall be notified immediately, and the injured person shall be brought promptly to the surface.

SEC. 5. *Duties of Federal coal-mine inspectors.—a.* Federal coal-mine inspectors shall make inspections of mines in accordance with the provisions contained in this code and shall report any and all violations of this code to the Coal Mines Administrator through the Director of the United States Bureau of Mines. They have authority also, as provided for in H. R. 2082, Public Law 49, 77th Congress, to make recommendations for improving health and safety conditions or practices not specifically covered by the Federal Mine Safety Code.

b. In those special instances where a Federal coal-mine inspector finds that an imminent danger exists, he shall take immediate
78 action through the operating manager or his representative, to have all workmen withdrawn from the unsafe area until such danger is corrected.

SEC. 6. *Duty and responsibility of management.—a.* It shall be the duty of the superintendent, mine foreman or mine manager, and his assistants, fire bosses or mine examiners, and other officials to see that the provisions contained in this code are complied with.

SEC. 7. *Duty and responsibility of mine workers.—a.* It shall be the duty of the mine workers to comply with this code and to cooperate with management in the enforcement of its provisions. Reasonable rules and regulations of the operators for the protection of mine workers and preservation of property that do not lower or impair the provisions of this code shall be complied with.

ARTICLE XIII—STRIP-MINING CODE

SECTION 1. *Tiple and cleaning plant.—a.* The provisions contained in this Federal Mine Safety Code, article I, section 1, shall apply.

SEC. 2. *Stairways, supply house, housekeeping, and yards.—a.* The provisions contained in Information Circular 7350, entitled "Inspection Standards for Strip Mines (Coal and Lignite)," issued
79 March 1946 by the United States Department of the Interior, Bureau of Mines, shall apply as follows:

1. Supply house (1.12 to and including 1.15).
2. Stairways, ladders, toeboards, and railings (1.16 to and including 1.21).
3. Housekeeping, illumination, and heating (1.22 and 1.23).
4. Yards and storage of material (2.05 and 2.06).

SEC. 3. *Fire prevention.—a.* The provisions contained in this Federal Mine Safety Code, article II, section 1, shall apply.

SEC. 4. *Mining methods, conditions, and equipment.—a.* Stripping and drilling overburden.

1. The provisions contained in Information Circular 7350, entitled "Inspection Standards for Strip Mines (Coal and Lignite)," shall apply, except that standards 3.04 and 3.05 may be excluded.

SEC. 5. *Explosives, detonators, and blasting.—a.* The provisions contained in Information Circular 7350, entitled "Inspection Standards for Strip Mines (Coal and Lignite)," shall apply, except that

in lieu of standards 4.06 and 4.11, article IV, section 1, paragraphs *h* and *j* of this Federal Mine Safety Code shall apply.

80 SEC. 6. *Haulage.—a.* The provisions contained in Information Circular 7350, entitled "Inspection Standards for Strip Mines (Coal and Lignite)," shall apply, except that standards 5.02, 5.09, 5.10, 5.13, 5.36, and 5.47b shall be excluded; and in lieu of standard 5.10, article VII, section 6*k* of this Federal Mine Safety Code shall apply.

SEC. 7. *Electricity.—a.* The provisions contained in Information Circular 7350, entitled "Inspection Standards for Strip Mines (Coal and Lignite)," shall apply.

SEC. 8. *Additional safeguards for mechanical equipment.—a.* Shop equipment.

1. The provisions contained in this Federal Mine Safety Code, article IX, section 2, shall apply.

b. Stripping and loading equipment.

1. The provisions contained in Information Circular 7350, entitled "Inspection Standards for Strip Mines (Coal and Lignite)," shall apply (standards 7.14 to and including 7.24).

SEC. 9. *Miscellaneous hazards.—a.* The provisions contained in Information Circular 7350, entitled "Inspection Standards for Strip Mines (Coal and Lignite)," shall apply as follows:

1. Lighting (standards 8.01 and 8.02).

2. Protective clothing (standards 8.03 to and including 8.09).

81 SEC. 10. *General safety conditions.—a.* The provisions contained in Information Circular 7350, entitled "Inspection Standards for Strip Mines (Coal and Lignite)," shall apply as follows:

1. Safety rules and standards (standard 9.02).

2. *Accidents.*—The reporting of accidents shall be in accordance with provisions of the Federal Mine Safety Code, article XII, section 2.

3. First aid (standards 9.14 and 9.15).

ARTICLE XIV—ENFORCEMENT; REVIEW AND REVISION

SECTION 1. *Enforcement.—a.* The Coal Mines Administrator is the exclusive agency charged with the enforcement of this code and the correction of violations thereof.

b. When noncompliance with this code is found by a Federal coal-mine inspector, it shall be reported promptly to the operating manager of the mine (or the resident official in charge of the mine) with recommendations for the elimination of such noncompliance. If such noncompliance is not promptly eliminated, it shall be reported by the inspector to the Director of the Bureau of Mines, who shall,

82 after such review and investigation as he shall deem advisable, report it to the Coal Mines Administrator, with his recommendations and findings as to such noncompliance and appropriate means for the correction thereof. If the operating manager, acting as representative of the operating management, wishes to contest the charge of noncompliance, he shall promptly advise the Coal Mines Administrator of his position and contentions in writing. The Coal

Mines Administrator shall, after such investigation and hearings as he shall consider necessary, take appropriate action to enforce compliance with the code. In special instances where a Federal coal-mine inspector finds that imminent and serious danger to employees in the mine exists, he shall promptly advise the operating manager or his representative at the mine, as provided in article XII, section 5*b*, and report by telephone to the Director of the Bureau of Mines, who shall report the matter immediately to the Coal Mines Administrator. The Administrator or his representative shall take immediate action to cause all employees to be removed from the unsafe area until any imminent and serious danger is removed. Such action shall be subject to immediate review by the Coal Mines Administrator; and further proceedings with respect thereto, as provided above, shall be promptly had and concluded.

83 SEC. 2. *Review and revision.—a.* From time to time the Director of the Bureau of Mines may, upon request of the Coal Mines Administrator or United Mine Workers of America, review and revise the provisions of this code. Such review and revision may be with respect to its general application, its application to types, conditions, and methods of mining and mines, or its application in specific cases. Such review and revision shall be made whenever appropriate to carry out the intent and purposes of the agreement between the Secretary of the Interior, acting as Coal Mines Administrator, and the United Mine Workers of America, dated May 29, 1946, requiring a reasonable code of standards and rules pertaining to safety conditions and practices in mines. Pending review and revision, as herein provided, the Coal Mines Administrator may suspend or stay, for such periods as he deems reasonable, the provisions of this code as applied to any mine or mines when such suspension or stay is necessary, in his opinion, to carry out and comply with the purposes and provisions of Executive Order 9728 or in order to avoid irreparable damage or great injustice pending review and revision of specified provisions of the code.

84 ARTICLE XV—COMPLIANCE WITH CODE

SECTION 1. *Compliance with code.—a.* Whenever any equipment or supplies required by this code, including rock-dusting machines, flame safety lamps, and permissible electric equipment, are unobtainable, compliance with the requirements of this code with respect thereto is suspended to the extent that such items remain unobtainable until they are obtainable. Due allowance shall also be made for planning, institution of changed procedures, and installation of new equipment.

b. Compliance with the requirements of this code shall be started promptly and prosecuted diligently until the provisions of the code have been fulfilled.

R. R. SAYERS,
Director, Bureau of Mines.

Approved:

J. A. KRUG.
Secretary of the Interior.

Government's Exhibit 29

UNITED STATES DEPARTMENT OF THE INTERIOR

COAL MINES ADMINISTRATION

Washington 25, D. C.

MEMORANDUM:

To: The Operating Manager for the United States.

Subj.: Order No. CMAN 11; A and B; Workmen's Compensation and Occupational Disease Laws.

Enclosed herewith are copies of Order No. CMAN 11, A and B, of the Coal Mines Administration issued in pursuance of Section 3 of the Krug-Lewis Agreement dated May 29, 1946, relative to coverage under applicable Workmen's Compensation and Occupational Disease Laws.

Section 3 of the Krug-Lewis Agreement provides as follows:

"The Coal Mines Administrator undertakes to direct each operating manager to provide its employees with the protection and coverage of the benefits under Workmen's Compensation and Occupational Disease Laws, whether compulsory or elective, existing in the states in which the respective employees are employed. Refusal of any operating manager to carry out this direction shall be deemed a violation of his duties as operating manager. In the event of such refusal the Coal Mines Administrator will take appropriate action which may include disciplining or replacing the operating manager or shutting down the mine."

Upon analyzing the various Workmen's Compensation and Occupational Disease Laws of the states in which coal mines under possession and control of the United States are located, it was found that these laws, so far as pertinent with respect to the implementation of Section 3 of the Krug-Lewis Agreement is concerned, fall into three categories. These three categories are:

(a) Coverage under Workmen's Compensation and Occupational Disease Laws both elective.

(b) Coverage under Workmen's Compensation laws compulsory, but elective under Occupational Disease Laws.

(c) Coverage under Workmen's Compensation Laws elective; no Occupational Disease Laws in effect.

Accordingly, it was found necessary to prepare three distinct versions of the appropriate order carrying out Section 3 of the Krug-Lewis Agreement.

In view of the fact that many of the companies or operators own or operate mines located in states other than the state in which the central office of the operating company is located, or in several different states, each Operating Manager for the United States is being sent a copy of each of the above-mentioned orders. Each Operating Manager for the United States is directed to comply with the particular Order or Orders applicable to the mine or mines operated by his organization. He may, of course, disregard such of the above-

mentioned Order or Orders as do not apply to this organization because it operates no mine or mines in the particular states involved in such Order or Orders.

N. H. COLLISSON,
Captain, USNR, Deputy Coal Mines Administrator.

AUGUST 15, 1946.

UNITED STATES
DEPARTMENT OF THE INTERIOR
COAL MINES ADMINISTRATION

WASHINGTON 25, D. C., *Aug. 15, 1946,*

ORDER NO. CMAN 11

To: Operting Managers (Colorado, Georgia, Indiana, Missouri, Nebraska, New Mexico, North Carolina, Pennsylvania, West Virginia).

Subject: Workmen's Compensation and Occupational Disease Laws.

Reference is made to Section 3 of the Agreement dated May 29, 1946, between the Secretary of the Interior, acting as Coal Mines Administrator, and the United Mine Workers of America, which reads as follows:

"The Coal Mines Administrator undertakes to direct each operating manager to provide its employees with the protection and coverage of the benefits under Workmen's Compensation and Occupational Disease Laws, whether compulsory or elective, existing in the states in which the respective employees are employed. Refusal of any operating manager to carry out this direction shall be deemed a violation of his duties as operating manager. In the event of such refusal the Coal Mines Administrator will take appropriate action which may include disciplining or replacing the operating manager or shutting down the mine."

The office of Coal Mines Administrator is informed that the Workmen's Compensation and Occupational Disease Laws of the state in which the mine or mines of your company are located are of the elective type. In accordance with Section 3 of the Krug-Lewis Agreement quoted above, if your company has not already elected to do so, you are hereby directed as Operating Manager for the Government to provide the eligible employees of your company with the full protection and coverage of the benefits under the Workmen's Compensation and Occupational Disease Laws of the state in which the mine or mines of your company are located.

In order that the Coal Mines Administrator may be fully advised in the premises, you are further directed to furnish this office with the following information within ten days from the date of this letter:

1. Whether or not your company has heretofore elected to provide its eligible employees with the full benefits of the applicable Workmen's Compensation and Occupational Disease Laws of the state in which its mine or mines are located.

2. The extent of the coverage, if any, of the employees of your company at the present time under such Workmen's Compensation and Occupational Disease Laws.

Within thirty days from the date of this letter, if your company has not heretofore elected to provide its eligible employees with the full benefits of the applicable state Workmen's Compensation and Occupational Disease Laws, you are further directed to report as follows to this office:

1. Whether or not your company has provided its eligible employees with such benefits in accordance with this directive, and if so, the effective date of coverage.

2. If your company has not provided its eligible employees with such benefits, the reasons, if any, why such benefits have not been so provided in accordance herewith.

This order shall be deemed to be a specific direction or order within the meaning of the terms and provisions of the Revised Regulations For the Operation of Coal Mines Under Government Control (11 F. R. 7567).

N. H. COLLISSON,
Captain, USNR, Deputy Coal Mines Administrator.

UNITED STATES

DEPARTMENT OF THE INTERIOR

COAL MINES ADMINISTRATION

WASHINGTON 25, D. C., *Aug. 15, 1946.*

ORDER No. CMAN 11–A.
To: Operating Managers (Illinois, Kentucky, Virginia).
Subject: Workmen's Compensation and Occupational Disease Laws.

Reference is made to Section 3 of the Agreement dated May 29, 1946, between the Secretary of the Interior, acting as Coal Mines Administrator, and the United Mine Workers of America, which reads as follows:

"The Coal Mines Administrator undertakes to direct each operating manager to provide its employees with the protection and coverage of the benefits under "Workmen's Compensation and Occupational Disease Laws, whether compulsory or elective, existing in the states in which the respective employees are employed. Refusal of any operating manager to carry out this direction shall be deemed a violation of his duties as operating manager. In the event of such refusal the Coal Mines Administrator will take appropriate action which may include disciplining or replacing the operating manager or shutting down the mine."

The office of the Coal Mines Administrator is informed that coverage under the Workmen's Compensation Laws of the state in which the mine or mines of your company are located is compulsory, but that the Occupational Disease Laws of such state are of the elective type. In accordance with Section 3 of the Krug-Lewis Agreement quoted above,

if your company has not already elected to do so, you are hereby directed as Operating Manager for the Government to provide the eligible employees of your company with the full protection and coverage of the benefits under the Occupational Disease Laws of the state in which the mine or mines of your company are located.

In order that the Coal Mines Administrator may be fully advised in the premises, you are further directed to furnish this office with the following information within ten days from the date of this letter:

1. Whether or not your company has heretofore elected to provide its eligible employees with the full benefits of the applicable Occupational Disease Laws of the state in which its mine or mines are located.

2. The extent of the coverage, if any, of the employees of your company at the present time under such Occupational Disease Laws.

Within thirty days from the date of this letter, if your company has not heretofore elected to provide its eligible employees with the full benefits of the applicable state Workmen's Compensation and Occupational Disease Laws, you are further directed to report as follows to this office:

1. Whether or not your company has provided its eligible employees with such benefits in accordance with this directive, and if so, the effective date of coverage.

2. If your company has not provided its eligible employees with such benefits, the reasons, if any, why such benefits have not been so provided in accordance herewith.

This order shall be deemed to be a specific direction or order within the meaning of the terms and provisions of the Revised Regulations For the Operation of Coal Mines Under Government Control (11 F. R. 7567).

N. H. COLLISSON,
Captain, USNR, Deputy Coal Mines Administrator.

UNITED STATES
DEPARTMENT OF THE INTERIOR
COAL MINES ADMINISTRATION

WASHINGTON 25, D. C., *Aug. 15, 1946.*

ORDER NO. CMAN 11–B
To: Operating Managers (Alabama, Kansas, Tennessee, Texas).
Subject: Workmen's Compensation and Occupational Disease Laws.

Reference is made to Section 3 of the Agreement dated May 29, 1946, between the Secretary of the Interior, acting as Coal Mines Administrator, and the United Mine Workers of America, which reads as follows:

"The Coal Mines Administrator undertakes to direct each operating manager to provide its employees with the protection and coverage of the benefits under Workmen's Compensation and Occupational Disease Laws, whether compulsory or elective, existing in the states in which the respective employees are employed. Refusal of any oper-

ating manager to carry out this direction shall be deemed a violation of his duties as operating manager, In the event of such refusal the Coal Mines Administrator will take appropriate action which may include disciplining or replacing the operating manager or shutting down the mine."

The office of the Coal Mines Administrator is informed that the Workmen's Compensation Laws of the state in which the mine or mines of your company are located are of the elective type and that no state law provisions relating to coverage for occupational disease or silicosis are presently in effect. In accordance with Section 3 of the Krug-Lewis Agreement quoted above, if your company has not already elected to do so, you are hereby directed as Operating Manager for the Government to provide the eligible employees of your company with the full protection and coverage of the benefits under the Workmen's Compensation Laws of the state in which the mine or mines of your company are located.

In order that the Coal Mines Administrator may be fully advised in the premises, you are further directed to furnish this office with the following information within ten days from the date of this letter:

1. Whether or not your company has heretofore elected to provide its eligible employees with the full benefits of the applicable Workmen's Compensation Laws of the state in which its mine or mines are located.
2. The extent of the coverage, if any, of the employees of your company at the present time under such Workmen's Compensation Laws.

Within thirty days from the date of this letter, if your company has not heretofore elected to provide its eligible employees with the full benefits of the applicable state Workmen's Compensation and Occupational Disease Laws, you are further directed to report as follows to this office:

1. Whether or not your company has provided its eligible employees with such benefits in accordance with this directive, and if so, the effective date of coverage.
2. If your company has not provided its eligible employees with such benefits, the reasons, if any, why such benefits have not been so provided in accordance herewith.

This order shall be deemed to be a specific direction or order within the meaning of the terms and provisions of the Revised Regulations For the Operating of Coal Mines Under Government Control (11 F. R. 7567).

N. H. COLLISSON,
Captain, USNR, Deputy Coal Mines Administrator.

Government's Exhibit 30

UNITED STATES
DEPARTMENT OF THE INTERIOR
COAL MINES ADMINISTRATION
Washington 25, D. C.

ORDER No. CMAN–5

Enclosed herewith and made a part hereof is a memorandum of Agreement dated June 27, 1946, between the Coal Mines Administrator and the United Mine Workers of America providing for an interim operating program for the collection and custodianship of monies payable pursuant to Section 4 (a) of the Agreement between the Coal Mines Administrator and the United Mine Workers of America dated 29 May 1946.

All Operating Managers are hereby advised that the obligation to make payments to the Welfare and Retirement Fund became effective with reference to coal produced for use or for sale on and after June 1, 1946, and that the payment for the period from June 1, 1946, to July 15, 1946, is to be made on August 15, 1946. Prior to August 15, 1946, all Operating Managers will be advised of the manner in which the payment is to be made and the address to which it shall be directed.

BEN MOREELL,
Admiral (CEC) USN,
Coal Mines Administrator.

1 JULY 1946.

Government's Exhibit 31

UNITED STATES
DEPARTMENT OF THE INTERIOR
COAL MINES ADMINISTRATION
Washington 28, D. C.

ORDER No. CMAN–8

Subject: United Mine Workers of America Welfare and Retirement Fund, procedure for making payment and reporting amount due.

1. Paragraph 4 of the Krug-Lewis Agreement, dated 29 May 1946, deals with the health and welfare program. Paragraph 4 (a) concerns *A Welfare and Retirement Fund*, and states, "a welfare and retirement fund is hereby created, and there shall be paid into said fund by the operating managers 5¢ per ton on each ton of coal produced for use or for sale." This order is in reference only to paragraph 4 (a), and the instructions contained herein are not applicable to paragraph 4 (b), which sets up a medical and hospital fund.

2. For the purpose of the Welfare and Retirement Fund, a ton of coal consists of 2,000 pounds net. Railroad weights at the mines shall be used to determine coal produced for use or for sale whenever such weights are available. Where no railroad weights at the mine are

available other transportation or shipping weights determined at the mine shall be used. Where railroad or other shipping or transportation weights are not available, the most accurate and available weights or measures of usable or salable coal produced shall be used.

3. By Memorandum of Agreement, dated 27 June 1946 (Order No. CMAN–5) the Coal Mines Administrator and the President, UMWA, designated Rear Admiral W. J. Carter, SC, USN, Chief of the Bureau of Supplies and Accounts and Paymaster General of the Navy, as Custodian of this fund pending the appointment of trustees as required by the Krug-Lewis Agreement. No expenditure will be made from the fund, which will be kept intact until accounting therefor is made to the trustees.

4. The name of the fund is "United Mine Workers of America Welfare and Retirement Fund."

5. The Custodian has made arrangements with the First National Bank of the City of New York, New York City, to act as the depository of the fund during the period of his custodianship.

6. Checks in payment of obligations to the United Mine Workers of America Welfare and Retirement Fund will be made to the order of the "United Mine Workers of America Welfare and Retirement Fund" and mailed directly to the First National Bank of the City of New York, New York City. The checks will be forwarded with a check letter of advice, the original of which will accompany the check to the bank. A copy of the check letter of advice will be mailed by the operator to:

The Custodian,
United Mine Workers of America,
Welfare and Retirement Fund,
Room I–2032, Bureau of Supplies and Accounts,
Navy Department,
Washington 25, D. C.

7. In the near future there will be forwarded to each coal operator sufficient sets of check letters of advice to last about one year. They will have carbons inserted and each copy will be addressed specifically to the recipient. Pending receipt of the check letters with carbon inserts coal operators will be furnished with an ample supply of loose check letter forms. They should be mailed promptly and directly to the addressee appearing on each form.

8. For the purpose of an accurate record it will be necessary that the Custodian have information on the "coal produced for use and for sale" from each mine operated by an operating agency. Space has been provided to insert this information in the check letter of advice. If additional space is required, the data should be shown on the reverse side of the form or on a separate schedule securely attached to the form. Until further instructions are issued, this will be the only report required of the coal operators in connection with the establishment of the United Mine Workers of America Welfare and Retirement Fund. It is important, therefore, that care be used in the preparation of these check letters of advice.

9. If an operator does not mine coal for a given period and therefore has not accrued any obligation under the United Mine Workers of America Welfare and Retirement Fund, notification should be for-

warded by using the check letter of advice stating these facts. In this case the operator shall forward all copies to the Custodian at the address shown in paragraph 6.

10. Direct all communications having to do directly with matters pertaining to the fund to the Custodian at the address given in paragraph 6 above, but any matters having to do with interpretation of the Krug-Lewis Agreement or existing contracts should be referred directly to the Coal Mines Administrator, Department of the Interior, Washington 25, D. C.

11. This order shall be deemed to be a specific direction or order within the meaning of the terms and provisions of the Revised Regulations For the Operation of Coal Mines Under Government Control (11 F. R. 7567).

N. H. COLLISSON,
Capt., USNR, Deputy, Coal Mines Administrator.

JULY 29, 1946.

NOTE.—The exhibit in evidence immediately following Government's Exhibit 31 is Government's Exhibit 36.

NOTE.—Government's Exhibits 36 and 37 are lengthy documents parts only of which were offered and admitted in evidence; those parts are fully stated in and as Government's Exhibit 38–A, and Government's Exhibits 36 and 37 are accordingly not printed.

Government's Exhibit 38

In the United States Courts of Appeals for the District of Columbia

No. 9342

JONES & LAUGHLIN STEEL CORPORATION, APPELLANT

vs.

UNITED MINE WORKERS OF AMERICA, ET AL., APPELLEES

Appeals of the defendants, United Mine Workers of America, an unincorporated association, and John L. Lewis, as a representative member thereof

It appearing that J. A. Krug, Secretary of the Interior, as Coal Mines Administrator, and his deputy, appellees herein, have already filed in this cause their brief on appeal, and it further appearing therefrom that the points made in said brief and authorities cited therein are in substance and to all intents and purposes the Points and Authorities upon which these two appellees will rely upon the argument of this appeal; and it further appearing that an additional brief now filed on behalf of the United Mine Workers of America and John L. Lewis, appellees as hereinbefore stated, would be but a repetitious and duplicating burden upon the files of this Court, with no substan-

tially new matter to be set up in said brief, with the permission of the other appellees already obtained, the United Mine Workers of America, an unincorporated Association, and John L. Lewis, as a representative member thereof, announce that they will rely upon the said brief already filed, as aforesaid, as and for and in lieu of any additional brief otherwise to be filed by them.

/s/ William E. Leahy,
WILLIAM E. LEAHY,
/s/ Welly K. Hopkins,
WELLY K. HOPKINS,
/s/ Harrison Combs,
HARRISON COMBS,
/s/ Samuel Krimsky,
SAMUEL KRIMSKY,
Attorneys for Appellees.

Government Exhibit 38–A

JFS:JFH
146–49–166.

hem

DECEMBER 2, 1946.

Re: United States of America v. United Mine Workers of America, et al. Civil No. 37764. In the United States District Court for the District of Columbia

WELLY K. HOPKINS, Esquire,
United Mine Workers Building
15th & I Streets NW., Washington, D. C.

MY DEAR MR. HOPKINS: In accordance with the court's direction, I send you herewith a copy of the brief and appendix of government appellees and the appendix to appellant's petition and brief in the case of Jones & Laughlin Steel Corporation v. United Mine Workers of America, et al., in the United States Court of Appeals for the District of Columbia, Number 9342. The parts of the brief which were read into the record today are between the red pencil brackets on pages 5, 14, and 22 to 23. The additional portions of that brief which I propose to offer are within the double red brackets on pages 23 to 25, 28 to 29, and 32.

The portions of the appendix to appellant's petition and brief were from the answer of the United Mine Workers and John L. Lewis as a representative thereof, namely, paragraphs 1, 2, 6, and part of 8 within the red pencil brackets at pages 131a to 133a.

Sincerely yours,
For the Attorney General,

JOHN F. SONNETT,
Assistant Attorney General.

Enclosure No. 485172.

The portions of the brief of appellees in the Jones & Laughlin Steel Corporation case which were referred to by Mr. Sonnett in the above letter read as follows:

(Page 5)

6. On May 29, 1946, after negotiations with the appellee Union, an agreement (the "Krug-Lewis agreement") was entered into between the Secretary of the Interior and the appellee Union, establishing, subject to the approval of the National Wage Stabilization Board and the President of the United States, the terms and conditions of employment at the mines for the period of the Government's possession (App. 42a–50a).

* * * * *

(Page 14)

To read the War Labor Disputes Act and the executive order—as appellant apparently suggests we must (Br. 37–38)—so as to withhold from the Government agency made responsible for the operation of Government-possessed plants, the power to eradicate the roots of the labor disturbances which compelled Government seizure, would be to frustrate the Congressional purpose and to impute to the Congress and to the President an incredible myopia as to the realities of wartime labor relations. Experiences prior to the enactment of the War Labor Disputes Act had made it quite clear that Government seizure, in itself, could hardly accomplish a resumption of production in industrial plants torn by labor strife.

* * * * *

(Pages 22–25)

C. The Regulations for the Operation of Coal Mines under Government Control do not preclude the execution and effectuation of the agreement with the UCT.

Appellant argues also that the Regulations for the Operation of Coal Mines under Government Control issued by the Coal Mines Administrator, forbid the execution and effectuation of the agreement with the UCT.[10] An understanding of the character and design of the Regulations will readily dispel any such notion.

The Regulations were formulated in an effort to assure the minimum of Government intervention in the operation of the coal properties consistent with the primary object of Government possession, that is, the maintenance of full, uninterrupted coal production. This purpose was in accord with the Presidential dictate in his executive order that (App. 17a):

"The Secretary of the Interior shall permit the managements of the mines taken * * * to continue with their managerial functions to the maximum degree possible consistent with the aims of this order."

The Regulations contemplate that the mining companies, appreciating the necessity for Government intervention, will cooperate with the Secretary of the Interior in the operations of the mines. It is made clear, however, that acceptance of the cooperative arrangement by the owners does not, in any sense free them from compliance with directions issued by the Secretary and the Coal Mines Administrator. And provision is made for terminating the arrangement should any operator refuse to comply with such directions.

[10] The Regulations in effect at the time the complaint was filed in the District Court were those which had theretofore been issued by Secretary Ickes, as amended (8 F. R. 9655, 10712, 11344, 17339). Since then, the Coal Mines Administrator has issued a revised set of regulations (11 F. R. 7567); these are printed at App. 1b–31b. As appellant states (Br. 5, n. 7), there is no material difference between the original and revised drafts so far as this suit is concerned.

Thus, although it is provided that "All properties in the possession of the Government shall be operated in a manner consistent with the fact that title to the properties remains in the owners thereof and that the Government, having temporarily taken possession or custody, will assert only such rights as are necessary to accomplish the national purpose of continued and maximum production" (App. 3b) and that "Wherever the cooperation of the company and its personnel can be secured, the existing organization of the mining company will be utilized, and the company will continue operation in the regular course of business as a going enterprise" (App. 3a–3b); it is clearly stipulated that the companies must conform "with such directions as the Government may issue" (App. 3b). Furthermore, all officers and employees of the company are directed to "serve in full recognition of * * * [their responsibilities to the Government] and subject to all orders and regulations of the [Coal Mines] Administrator" (App. 6b). And where cooperation of the company cannot be secured, provision is made for supplanting private management with Government management (App. 3b, 6b, 7b, 23b–24b).

Moreover, although the Regulations provide that operations during Government possession are generally not to be regarded as for the Government's account, obligations may be incurred on behalf of the Government upon "a specific written direction or order to that effect * * * given by the Administrator" (App. 8b). Again, although confirmation of the companies' financial responsibility for the operations is invited, so that the burdens of an accounting may be avoided (App. 12b–14b, 26b–27b); there are available to the companies procedures under which they may reserve their rights to assert against the Government, claims for damages allegedly resulting from specific Government directions or orders (App. 14b–19b, 27b–28b). And, more than this, by failing to file any of the instruments adopting the operation during the period of Government possession or any part thereof as their own, companies may, under the Regulations, reserve "the right to claim that all operations * * * are for the account of the Government * * *" (App. 19b–20b, 28b–29b). Furthermore, as has already been noted, any company—including appellant—may at any time elect to withdraw from participation in the program established by the Regulations and thus to stand on whatever rights it may have to fair and just compensation under the Fifth Amendment and the Selective Training and Service Act of 1940.[11]

It is noteworthy that the Regulations contain express provisions contemplating changes in working conditions at the mines. Thus, it is provided (App. 10b) that the "terms and conditions of employment which were in effect at the time possession of the mines was taken * * * may be changed by order or direction of the Administrator, subject to the provisions of Section 5 of the War Labor Disputes Act, where appropriate." And, further, it is required (App. 10b–11b) that "the right of the workers shall be recognized to continue their membership in any labor organization, to bargain collectively through representatives of their own choosing, and to engage in col-

[11] Section 3 of the War Labor Disputes Act (App. 34b–35b) is an amendment to Section 9 of the Selective Training and Service Act (App. 32b–34b), which reads, in part, as follows:
"The compensation to be paid to any individual, firm, company, association, corporation, or organized manufacturing industry * * * as rental for use of any manufacturing plant while used by the United States, shall be fair and just * * *

lective activities for the purpose of collective bargaining or other mutual aid or protection, provided that such concerted activities do not interfere with the operation of the mine." Having consented to operation of its mines in accordance with the Regulations and having accepted the benefits derived from such operation, appellant can hardly refuse—at least until it has terminated the relationship with the Government which the Regulations contemplate—to perform the duties, however onerous, imposed by the Regulations.

In short, the Secretary of the Interior, acting for the United States, although he has taken possession of appellant's mines, has chosen to control their operation only to that limited extent which he has deemed necessary to assure a maximum production of coal there. Cf. Marion & Rye Valley Ry. Co. v. United States, 270 U. S. 280. Appellant has thus far accepted his invitation to participate in the operation of the mines in accordance with the plan of the Regulations. The authority of the Secretary is, however, much broader than his present exercise of authority; this is not only implicit in the fact of Government possession, but explicit in the War Labor Disputes Act, in Executive Order 9728, and in the provisions of the Regulations themselves. Cf. Dakota Central Telephone Co. v. South Dakota, 250 U. S. 163, 184.

The operations of the mines remain at all times subject to the Secretary's direction. Consequently, the Coal Mines Administrator was acting well within his authority when, in accordance with Section 5 of the War Labor Disputes Act, he ordered changes in the terms and conditions of employment at appellant's mines. Appellant has protested that order (supra, p. 6). Should it refuse to comply with it, the Secretary could, if he desired, terminate the present arrangement with appellant and supplant its management with his own. On the other hand, appellant may also, at any time, withdraw from the present arrangement and refuse further to conduct the operations at the mines for its own account. There is nothing in the Regulations which renders the present arrangement immutable. Nor is there anything in the Regulations which divests the Secretary and the Coal Mines Administrator of any portion of their authority, as officers of the United States, to manage the mines as they see fit, conformable with the Presidential order and the pertinent acts of Congress.

(Pages 28–2v):

* * * * *

First, since appellant's mines are now in the Government's possession, this suit, brought against officials of the United States in their official capacity, to enjoin them from performing acts relating to employment practices in those mines, is, in substance, a suit against the United States. Wells v. Roper, 246 U. S. 335; Louisiana v. McAdoo, 234 U. S. 627; Minnesota v. Hitchcock, 185 U. S. 373; Transcontinental & Western Air v. Farley, 71 F. (2d) 288 (C. C. A. 2), cert. den. 293 U. S. 603. Absent Congressional consent to such a suit, the action will not lie. Ibid.

Second, the action invites judicial intercession whose effect may well be to slow down the work of the mines and to impede the conversion of the nation's economy from a war- to a peace-time basis. The courts, reluctant to control the executive discretion in normal times and as to ordinary functions (Adams v. Nagle, 303 U. S. 532, 540;

United States ex rel. Greathouse v. Dern, 289 U. S. 352, 360; United States v. Interstate Commerce Commission, 294 U. S. 50), certainly will not be moved to control executive discretion under the circumstances of this case. Ken-Rad Tube and Lamp Corp. v. Badeau, 55 F. Supp. 193, 197 (W. D. Ky.); Jenkins v. National War Labor Board, D. C., Civil Action No. 23711.

* * * * *

(Page 32)

* * * * *

On the other hand, the Secretary of the Interior and the Coal Mines Administrator, if enjoined from putting the agreement into effect, would be prohibited from carrying out an obligation which they assumed (in paragraph 11 of the Krug-Lewis agreement) in a successful effort to procure a resumption of the nation's coal production which had broken down because of labor disturbances in the coal fields and, thus, to avert a calamity in the nation's economic life.

The following are excerpts from the Answer of the United Mine Workers and John L. Lewis as representative thereof in the Jones & Laughlin Steel Corporation case which were referred to by Mr. Sonnett in the above letter:

In the District Court of the United States for the District of Columbia

Civil Action #35,308

JONES & LAUGHLIN STEEL CORPORATION, PLAINTIFF *vs.* UNITED MINE WORKERS OF AMERICA, AN UNINCORPORATED ASSOCIATION, AND JOHN L. LEWIS, AS A REPRESENTATIVE MEMBER THEREOF; ET AL, DEFENDANTS.

Answer of the defendants, United Mine Workers of America, an unincorporated association, and John L. Lewis, as a representative thereof, to motion for preliminary injunction

Come now the defendants, United Mine Workers of America, an unincorporated Association, and John L. Lewis, as a representative thereof, and for Answer to the Motion for a Preliminary Injunction filed against them by the plaintiff herein say:

1. This Court is without jurisdiction to grant said Preliminary Injunction as prayed.

2. The Complaint of the plaintiff herein is in legal effect and substance a suit against the United States, to the filing of which there exists no Congressional authorization, consent or permission; any Preliminary Injunction, therefore, as moved by this plaintiff, would be one directed against the United States, acting through its duly authorized officers and agents.

* * * * *

6. This Court will not enjoin the defendants Krug and Morell, even temporarily, because neither has done or threatened to do any act to invade any right of this plaintiff. Being in lawful possession of the mines and operating them under the lawful order of the Presi-

Government's Exhibit 39

The New York Times, Saturday, November 16, 1946, page two, in part, reading as follows:

Truman, Krug, Lewis and Clark Texts on Coal Situation

WASHINGTON, Nov. 15 (AP)—The texts of President Truman's statement on the coal situation, Secretary Krug's letter to John L. Lewis, the mine union leader's reply, Mr. Krug's rejoinder and Attorney General Clark's letter to Mr. Krug giving his opinion on reopening the contract are as follows:

President Truman

Secretary of the Interior Krug delivered to the president of the United Mine Workers, yesterday afternoon, a written proposal containing the details of a plan under which the operators and miners could negotiate their differences and the mines would remain in operation.

I am thoroughly familiar with this proposal and I consider it eminently fair to both mine workers and operators. A copy of the proposal is attached hereto.

In my statement of Nov. 9 directing immediate abandonement of all control over wages and salaries, and virtually all controls over prices, I stated "today's action places squarely upon management and labor the responsibility for working out agreements for the adjustment of their differences without interruption of production."

The abandonment of wage and price controls requires the immediate resumption of normal collective bargaining between management and labor without Government substitution for either party. Bituminous coal mining is the only important segment of private industry in which the Government, under its emergency responsibilities, now replaces party to normal collective bargaining.

Negotiated by Government

The Coal Mines Administration of the Department of the Interior is party to a contract with the United Mine Workers of America governing employment conditions in that industry. This contract was negotiated by the Government and the union last spring after a complete breakdown in collective bargaining between the coal operators and the union.

Mines were idle more than fifty

ble to the mine workers' negotiating committee.

The Government proposal is fair and equitable. It considers the rights of the miners, the operators and the public, and carefully protects the rights of each.

In view of this it is my hope that a serious reconsideration of the entire situation will convince the United Mine Workers that the adoption of this proposal is for the best interests of all concerned.

Acceptance of the proposal by the mine workers will satisfy the desire of 140,000,000 Americans for industrial peace and continued production in the soft-coal mines, and in all our great industries, which are so dependent upon coal.

Secretary Krug

My dear Mr. Lewis:

In our meeting of Nov. 11 you presented certain proposals for modification of the present contract under which the members of the United Mine Workers are working for the period of Government possession. This was the first time since the conference began on Nov. 1 that any specific proposals for modification of the existing contract have been advanced by the United Mine Workers.

I am obliged to inform you that certain of your proposals are of such a fundamental nature that they should be directed to the owners and private operators of the bituminous coal mines rather than to the Government, which is only the interim custodian of these properties.

The Government took over the bituminous mines last May only after it became clearly evident that this was the only available means of averting an economic disaster to the country. Since that time the Government has made diligent efforts to return the mines to private operation with an assurance of continued production.

The United Mine Workers have formally and publicly expressed themselves in favor of an early return of the mines to private operation. The operators have stated that they, too, are anxious to regain control of their properties.

I am convinced that any subtive bargaining, if no agreement should be reached during this first month, the price limitations would be removed and any changes thereafter agreed upon as to wages and hours would be made retroactive to Dec. 16, 1946.

If no agreement should be reached by Jan. 16, 1947, the mines would be returned to private possession on that date and the normal operation of economic forces would then prevail in the coal industry.

The operators have agreed to accept this arrangement. I urge that you, too, accept this arrangement and meet with the representatives of the operators on Nov. 16 or at the earliest convenient date, in a sincere effort to reach an agreement which will restore the mines to private operation.

The Coal Mines Administration, as you know, has consistently taken the position that the Krug-Lewis agreement, except as it may be modified by mutual consent or by petition under Section 5 of the War Labor Disputes Act, covers the period of Government possession. I have been informally advised by the Attorney General of the United States that this interpretation of the contract is correct.

I expect, whatever decision you should reach with respect to negotiating with the operators, that the United Mine Workers will honor our present contract and make every effort to insure that the nation obtains the coal production which it so desperately needs.

Sincerely,
J. A. KRUG,
Secretary of the Interior.

John L. Lewis

Dear Mr. Secretary:

Your communication of Nov. 14, 1946, has been received and carefully considered. The United Mine Workers of America now make reply.

On Sept. 23, 1946, while in informal and private conference with you, we asked that the coal mines administrator voluntarily modify and adjust the miners' working hours. Your attention was again (as it had heretofore been) directed to the brutal fifty-four-hour underground schedule of the men laboring in the bowels of the earth.

miners' conference to supersede the conference now in existence since Nov. 1 is sheer folly and empty platitude, well known to you so to be.

On Sept. 18, under the auspices of Admiral Morsell, in joint conference with us, the operators in writing revealed their divided household and, as epitomized by former Senator Burke, haughtily, arbitrarily and with blunt malice rejected the fundamental issues as presented to them by Admiral Morsell.

You now, at the last hour, of the last day, yield to the blandishments and soothing siren voice of the operators and seek to place the United Mine Workers of America and its members between Scylla and Charybdis. This course we refuse to follow.

The Government of the United States seized the mines and entered into a contract. The mine workers do not propose to deal with parties who have no status under that contract.

We do not propose to be driven like dumb beasts to the slaughter of slow strangulation envisioned by your proposal and the operators' well known and long used tactics of evasion and delay. We call upon you to honor your contract.

This, therefore, Mr. Secretary, constitutes our reply in the negative to your proposal.

Yours truly,
Negotiating Committee, United Mine Workers of America,
By: John L. Lewis, Pres.

Second Krug Letter

Dear Mr. Lewis:

I have received your two letters of Nov. 15, one of which undertakes formally to give me notice that the Government contract with the United Mine Workers will be terminated by you at midnight on Nov. 20, and the other of which amplifies your reasons for giving this notice.

I must advise you that you have no power under the Krug-Lewis agreement of May 29 or under the law, by unilateral declaration, to terminate the contract which by its terms "covers for the period of Government possession the terms and conditions of employment."

I have since my letter to you of Nov. 14 received from the At-

covers for the period of Government possession the terms and conditions of employment in respect to all mines in Government possession * * * " It goes on to provide in Paragraph 1 that, "except as amended and supplemented herein, this agreement carries forward and preserves the terms and conditions contained in all joint-wage agreements effective April 1, 1941, through March 31, 1943 * * * and the national bituminous coal-wage agreement, dated April 11, 1945."

Provision Is Noted

The agreement of April 11, 1945, just referred to, contains the following provision, which forms the second paragraph of Section 15:

"At any time after March 1, 1946, either party may give ten days' notice in writing of a desire for a negotiating conference upon the matters outlined in said notice. The other party agrees to attend said conference. At the end of fifteen days after the beginning of such negotiating conference either party may give to the other a notice in writing of the termination of this agreement, to be effective five days after the receipt of such notice."

In my opinion the provision which I have just quoted is no longer in force. The agreement of May 29, 1946, expressly provides that it "covers for the period of Government possession the terms and conditions of employment."

It thereby specifies the period during which it is to remain in force and, accordingly, "amends and supplements" Section 15 of the 1945 agreement, which provided an opportunity for renegotiation and termination of the terms and conditions of that contract at any time either party desired after March 1, 1946.

This conclusion is reinforced by an examination of the provisions of the War Labor Disputes Act (57 Stat. 163), under which possession of the mines was taken by the United States. (See executive order No. 9728, dated May 21, 1946.) The provisions of that act contemplate, first, that the operations of plants and mines in Government possession shall continue without interruption, and, second, that there shall be an equitable approach to the problem of fixing terms and conditions of employment in such

America governing employment conditions in that industry. This contract was negotiated by the Government and the union last spring after a complete breakdown in collective bargaining between the coal operators and the union.

Mines were idle more than fifty days and the stock of bituminous coal above ground was rapidly being depleted. Shutdowns in industries dependent on coal spread rapidly and thousands of workers in these industries were laid off.

The nation has not recovered from the long and costly coal strike of last spring. In the intervening five months railroads, public utilities, steel mills and other industries have not been able to purchase and store sufficient coal to carry them for any substantial period. Nor have thousands of household consumers been able to purchase enough fuel to carry them through the winter months.

In the face of these circumstances, on Nov. 1, the United Mine Workers of America requested the coal mines administrator to reopen the May 29 contract. Secretary Krug informs me that he has discussed with representatives of mine workers their subsequent demands for changes in the employment conditions in their contract.

I wish to make it clear that the Government takes no position as to the merit or demerit of these demands, but under this present proposal, such questions are referred to the operators and the miners for settlement by the process of free collective bargaining.

I am advised by the Attorney General that the existing contract is clearly applicable for the full period of Government operation. He further informs me that it makes no provision for reopening, without mutual consent, to discuss new wages, hours or other employment terms. It was intended to be replaced by a direct employer-union contract.

The Government cannot replace private management as the bargaining agent without interfering with true collective bargaining between management and labor. This principle has been frequently and vigorously endorsed by leading representatives of management and labor groups, including the representatives of mine owners and both the president and the Convention of the United Mine Workers.

The proposal made by Secretary Krug has been accepted by the bituminous coal-mine operators' negotiating committee.

This morning, however, the president of the United Mine Workers notified Secretary Krug that the proposal was not acceptable.

The United Mine Workers have formally and publicly expressed themselves in favor of an early return of the mines to private operation. The operators have stated that they, too, are anxious to regain control of their properties.

I am convinced that any substantial change in wage rates and hours of employment made by the Government at this time would postpone for an indefinite period the return of the mines to their owners and would thwart the expressed and sincere wishes of all persons concerned for genuine collective bargaining between management and labor in the bituminous coal industry.

U. S. Acts for Normal Control

The Government is bending every effort to restore the national economy to its normal peacetime operation. To this end, the President has just announced the removal of virtually all wage and price controls.

It would contradict this policy, and be inimical to the best interest of the coal miners and of the country, should the Government prolong indefinitely its temporary role as a substitute for one of the parties in the collective bargaining which must be the foundation of a healthy coal industry.

I express no views whatever upon the intrinsic merits of any of your proposals, but must advise you that they are of such a nature that the Government should not make them a part of its existing contract with the mine workers.

I have frequently urged that you meet with representatives of the coal operators in order to negotiate, through the normal processes of collective bargaining, a new contract for the coal industry. I outlined to you yesterday an arrangement by which these negotiations might proceed under conditions which would be fair to both parties.

Under this arrangement I would convene a conference between United Mine Workers and the bituminous coal operators negotiating committee on Nov. 18, or the soonest practicable date thereafter.

In order that coal production might be maintained during these negotiations, Government operation of the mines under the Krug-Lewis agreement would be continued for a maximum period of two months. During the first of these months the situation would be held in status quo, without retroactive wage changes and with a prohibition against increasing the price of coal sold from a mine in Government possession except upon the prior approval of the coal mines administrator.

To hasten the process of collective [illegible] with you, we asked that the coal mines administrator voluntarily modify and adjust the miners' working hours. Your attention was again (as it had heretofore been) directed to the brutal fifty-four-hour underground schedule of the men laboring in the bowels of the earth.

This was prior to the United Mine Workers' national convention and prior to the recent national election. Since that date until receipt of your ukase of yesterday, you have remained silent and have deigned no reply to the 400,000 men who now serve the Government of the United States in the bituminous coal mines.

The mine workers on Oct. 21, 1946, exercising their contractual right, gave the requisite ten-day notice and respectfully requested a conference with you on Nov. 1. You, while touring the West, contemptuously replied that you would be in Tule Lake, California, and might find time to discuss the matter at that time and place, if the miners would journey westward to meet you there.

Changing your mind, you finally designated your representatives to attend the conference, while you continued your tour until after Tuesday, Nov. 5. You finally appeared on Monday, Nov. 11. Since that date, you have graciously given of your time, in full and private conference to the extent of three hours and fifty-eight minutes.

Time of Proposal Cited

You were aware of the formal notice of Oct. 21 of the operation of the ten, fifteen and five-day provisions of the contract. On yesterday, Nov. 14, twenty-five days after formal notice, you made your proposal.

Your statements to the contrary notwithstanding, the mine workers constantly from Nov. 1 to and including Nov. 11 made concrete proposals to you on the matter set out in the notice of Oct. 21. You, cavalierly, now propose a sixty-day freeze of the existing conditions on terms which you have first negotiated with the operators, who are strangers to the Krug-Lewis agreement.

You arbitrarily assert the right to designate that sixty-day period to begin on Nov. 18 and prescribe the method of conducting a conference between the mine workers and operators during that period. You, likewise, assert that the Krug-Lewis agreement can be "modified by mutual consent."

Then, sir, where do you find a legal or moral right to deny to the mine workers their plain contractual right to reopen the contract, as we respectfully requested on Oct. 21?

Your proposal for this operator-[illegible] agreement of May 29 or under the law, by unilateral declaration, to terminate the contract which by its terms "covers for the period of Government possession the terms and conditions of employment."

I have since my letter to you of Nov. 14 received from the Attorney General of the United States a formal opinion which rules that you are without power to terminate this contract with the Government.

In view of the important national considerations mentioned by the President in his statement today and in view of the official ruling of the Attorney General as to the obligations of the United Mine Workers under their contract, I again urge you to reconsider the position indicated in your letter of today and to enter into conferences with the bituminous coal operators' negotiating committee without loss of the coal production which is so critically needed at this time.

Attorney General Clark

My dear Dr. Secretary.

Under date of Oct. 31, 1946, I sent you an informal letter of advice relative to further negotiations under the agreement which you executed on May 29, 1946, with the representatives of the United Mine Workers of America. My letter concluded by saying:

"This is to advise you that in my opinion there is no legal obstacle to such further negotiations nor is there any legal impediment to modification of the existing contract so as to reflect changes in wages and other terms and conditions of employment, provided such modification, if any, is satisfactory both to the Government and to the United Mine Workers of America.

This is true whether or not Section 15 of the agreement of April 11, 1945, is deemed applicable in the present situation and accordingly I do not believe it necessary at this time to pass upon any question relative to that section. The negotiations can, of course, proceed without prejudice to the rights of either party."

By letter dated Nov. 4, 1946, you advised me that it was of importance to both parties "to know whether Section 15 of the 1945 contract does in fact apply" to the present conferences. You accordingly requested my views on that question and upon your return to the city I gave them to you informally. Today you have requested a formal confirmation, which I am now pleased to give you.

The agreement which you and the miners' union executed on May 29, 1946, opens with the recital that "this agreement, ***

tive order No. 9728, dated May 21, 1946.) The provisions of that act contemplate, first, that the operations of plants and mines in Government possession shall continue without interruption, and, second, that there shall be an equitable approach to the problem of fixing terms and conditions of employment in such plants and mines.

The contract here under discussion must be interpreted and applied in the light of these objectives. The War Labor Disputes Act sets forth in detail the method whereby changes in such terms and conditions of employment may be effected. It specifically provides, in Section 5, that after possession has been taken by the Government "the Government agency operating such plant, mine, or facility, or a majority of the employes of such plant, mine or facility, or a majority of the employes of such plant, mine or facility or their representatives, may apply to the National War Labor Board for a change in wages or other terms or conditions of employment in such plant, mine or facility."

Applies to Altered Conditions

This provision was designed to enable the National War Labor Board to take action from time to time to meet changing conditions. The successor to the National War Labor Board, for the purpose of making determinations under Section 5 of the act, is now the National Wage Stabilization Board (see Executive Order No. 9672, dated Dec. 31, 1945, 11 F. R. 221). That board on May 31, 1946, issued an order promulgating the terms and conditions of employment established by the agreement of May 29, 1946.

Nothing in the agreement of May 29 purports to limit or alter in any way the right and privilege of either party to the agreement under Section 5 of the act to seek from time to time any necessary or desirable change in terms and conditions of employment. It may be that the guarantee which Congress has given in Section 5 cannot be contracted away.

That is a question which I do not have to decide in the present case because I do not believe that you and the union representative intended to contract it away. The agreement you entered into cannot possibly be so interpreted, under its terms. It must follow, therefore, that even though Section 15 of the 1945 agreement is not applicable, the employes of the mines may at any time apply to the National Wage Stabilization Board to request changes in terms and conditions of employment.

If I can be of further assistance to you, please let me know.

dent, their policies, management, operation and control of the mines, during the time in which these defendants are in lawful possession thereof, will not be restrained or enjoined by this Court in the absence of a clear showing of fraud, oppression, or illegal conduct upon their part or that of either of them to the injury or destruction of the rights of this plaintiff.

* * * * * *

8. All acts done and policies formulated by these said defendants are authorized so to be done and formulated by the President, acting lawfully in that regard, and said acts are to be done and said policies formulated for existence and effect only during and through the duration of their possession of the mines on behalf of the United States; * * *

* * * * * *

Government's Exhibit 40

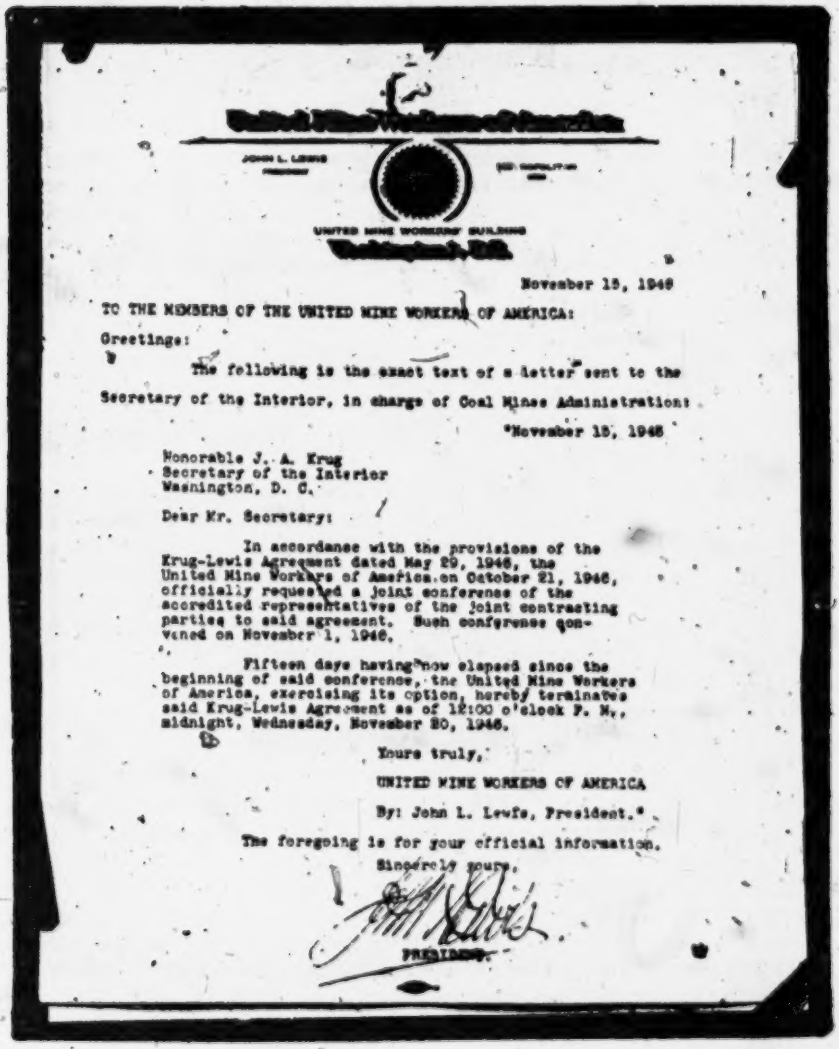
Page 10 of the United Mine Workers Journal for June 1, 1946, provides in part as follows:

> "The economic creed of the UMWA—'No contract, no work'—effectively employed, constitutes an educational institution. A 'dim-out' is a 'knock-out.' But the tuition in that school is pretty costly for both the miners and the public. Coal miners cannot afford to pay the toll at every period of contract expiration to reeducate the pavement peasantry of our big cities, a few small towners, and some ruralites who have always been too prone to let the miners fight their own battles alone."

Page 5 of the United Mine Workers Journal for August 15, 1944, an article by John L. Lewis, stating in part:

> "It was the Policy Committee, by unanimous vote, that rejected the jurisdiction of the War Labor Board and demanded the resumption of collective bargaining. The demand was not heeded, and when the thirty-day extension ended on April 30, the miners laid down their tools. This is our historic and automatic procedure. For 53 years, a contract has been our protection against rapacity and ill faith. No contract, no work. No stoppage order ever goes out. If a new agreement has not been signed before the expiration of the old, the men quit. Nevertheless, we were not careless of the national interest, for we knew that there were 79,000,000 tons of bituminous coal in storage."

Government's Exhibit 41



[redacted]

JOHN L. LEWIS

[redacted]

UNITED MINE WORKERS' BUILDING

[redacted]

November 15, 1946

TO THE MEMBERS OF THE UNITED MINE WORKERS OF AMERICA:

Greetings:

The following is the exact text of a letter sent to the Secretary of the Interior, in charge of Coal Mines Administration:

"November 15, 1946

Honorable J. A. Krug
Secretary of the Interior
Washington, D. C.

Dear Mr. Secretary:

In accordance with the provisions of the Krug-Lewis Agreement dated May 29, 1946, the United Mine Workers of America on October 21, 1946, officially requested a joint conference of the accredited representatives of the joint contracting parties to said agreement. Such conference convened on November 1, 1946.

Fifteen days having now elapsed since the beginning of said conference, the United Mine Workers of America, exercising its option, hereby terminates said Krug-Lewis Agreement as of 12:00 o'clock P. M., midnight, Wednesday, November 30, 1946.

Yours truly,

UNITED MINE WORKERS OF AMERICA

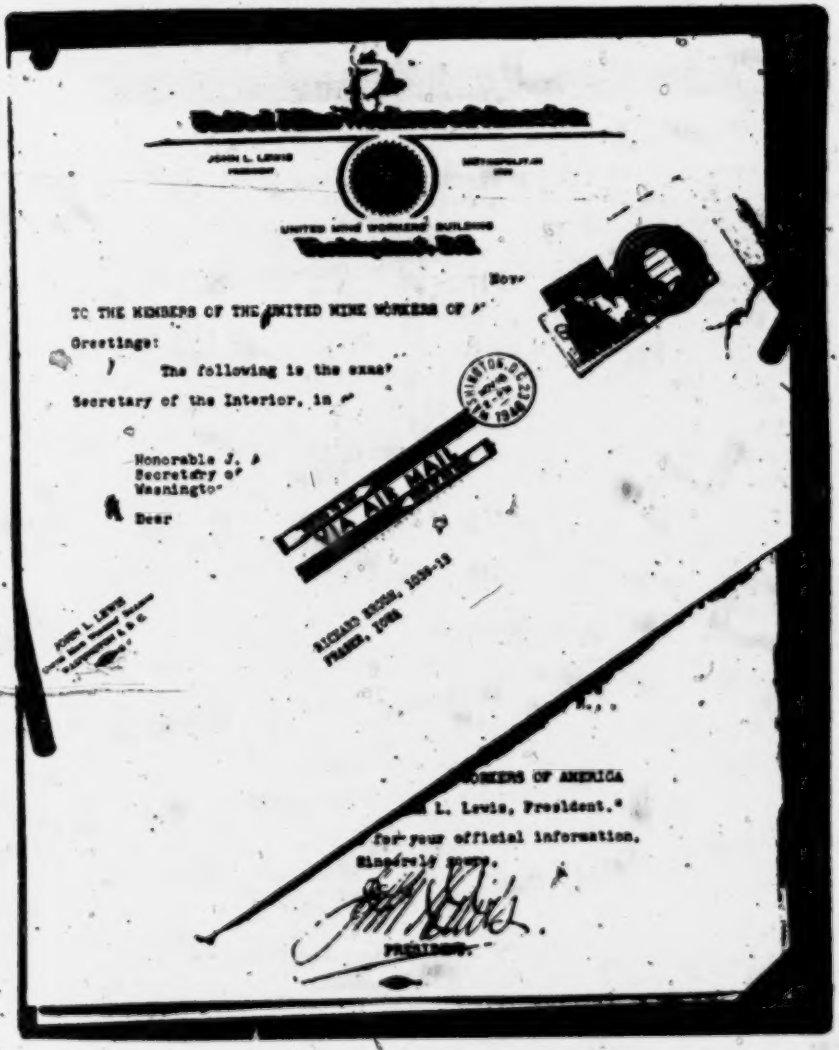
By: John L. Lewis, President."

The foregoing is for your official information.

Sincerely yours,

John L. Lewis

PRESIDENT.



TO THE MEMBERS OF THE [illegible]NITED MINE WORKERS OF [illegible]

Greetings:

The following is the exact [illegible]

Secretary of the Interior, in [illegible]

Honorable J. [illegible]
Secretary of
Washington

Dear

VIA AIR MAIL

[illegible]WORKERS OF AMERICA

[illegible] L. Lewis, President.

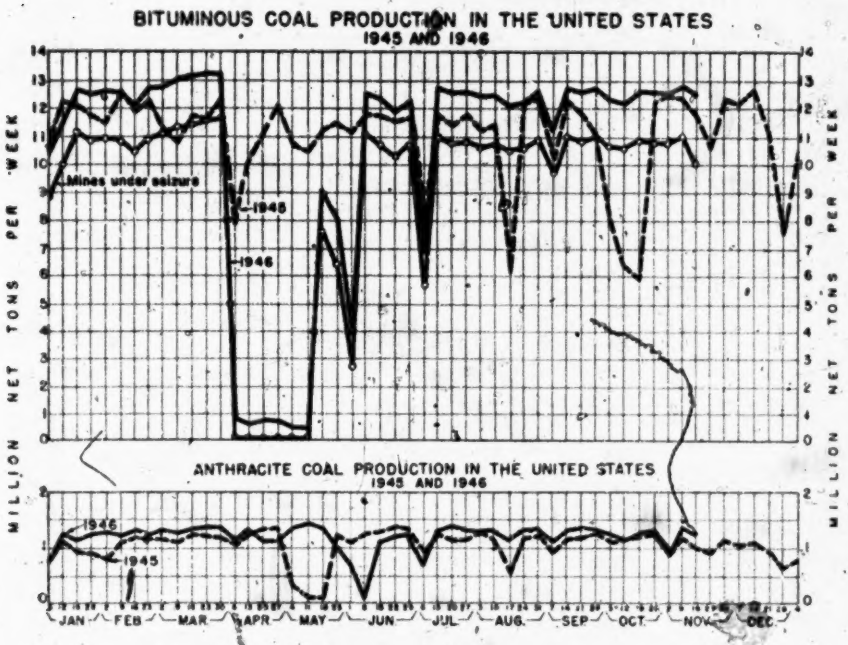
[illegible] for your official information.

Sincerely yours,

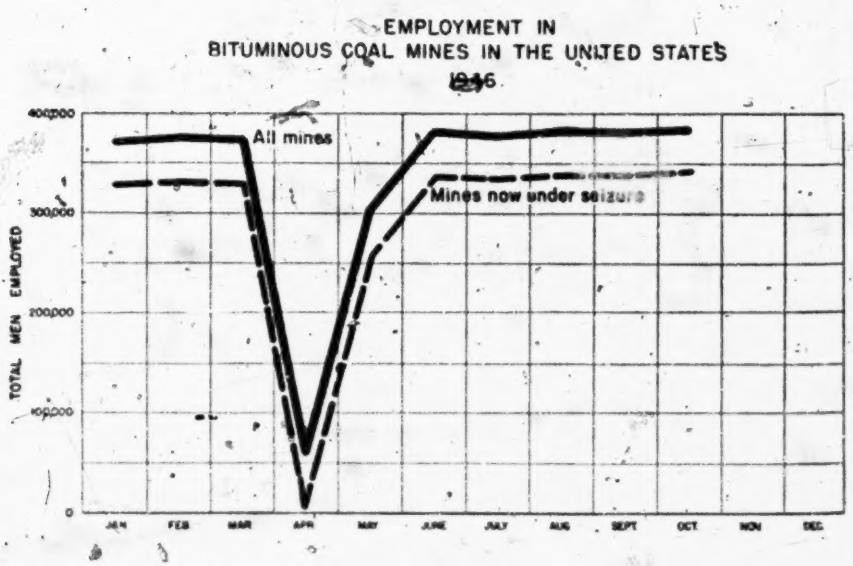
PRESIDENT.

NOTE.—The exhibit in evidence immediately following Government's Exhibit 41 is Government's Exhibit 45.

Government's Exhibit 45

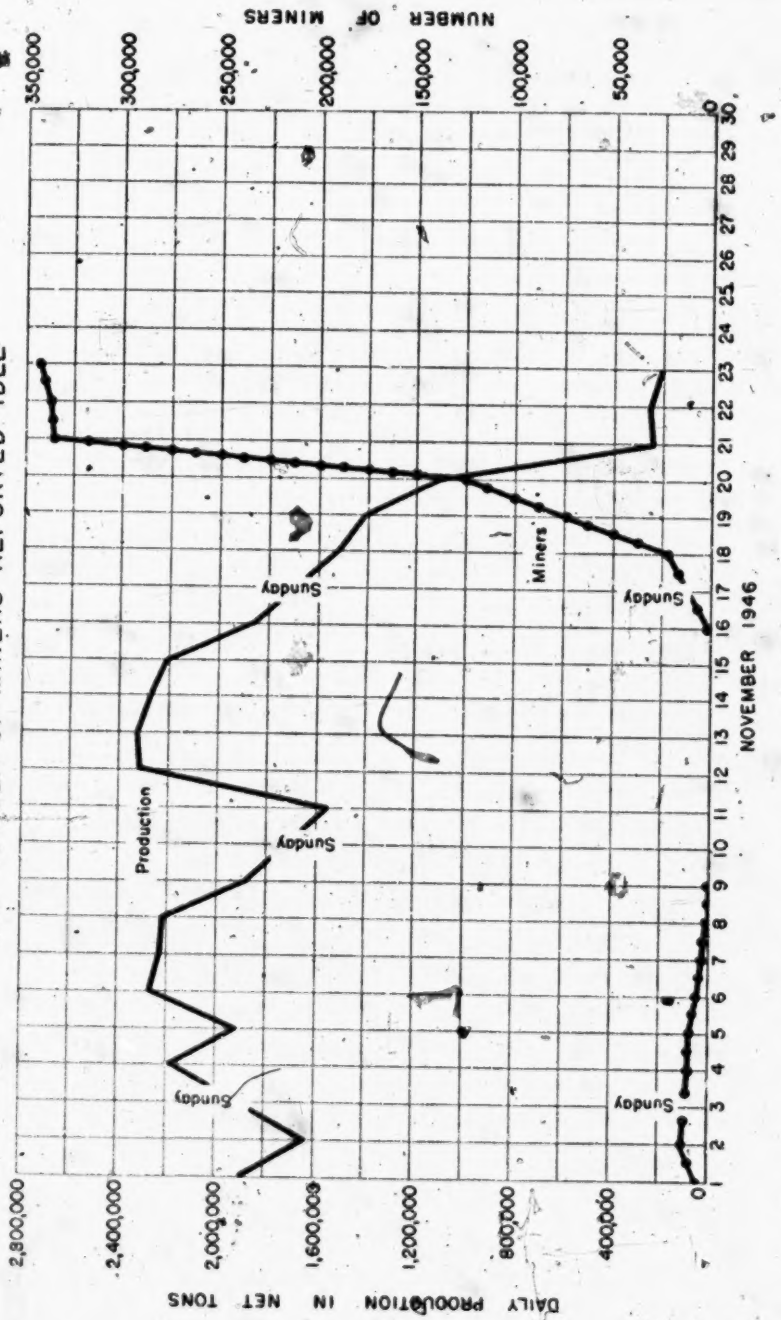


Government's Exhibit 46



Government's Exhibit 47

DAILY U.S. PRODUCTION OF BITUMINOUS COAL
AND NUMBER OF MINERS REPORTED IDLE



Government's Exhibit 48

TRANSCRIPT OF STATEMENT MADE BY JOHN L. LEWIS TO PARAMOUNT NEWS ON THE OCCASION OF THE SIGNING OF THE LEWIS-KRUG AGREEMENT ON MAY 29, 1946

FIRST TAKE

John L. Lewis

"A contract has just been covered by execution in the White House. It is a national bituminous agreement by and between the Government as represented by Secretary of the Interior Krug and the United Mine Workers of America. It settles for the period of Government operation all the questions at issue. It should be sustained and supported by the entire country, and I am confident that it will result in the immediate volume production of bituminous coal sufficient to fulfil all the requirements of the country. Telegrams are being sent to all local unions at once instructing them accordingly."

Secretary of the Interior Krug

"I believe that Mr. Lewis will agree with me that it is as fair to the operators as to the miners. It is too bad that we did not have it two months ago."

RETAKE

John L. Lewis

"A contract has just been executed in the White House governing the national bituminous coal industry. It settled for the period of Government operation of the mines—all the questions at issue. Instructions are being given the men in the field to return to work immediately."

Secretary of the Interior Krug

"I believe Mr. Lewis will agree with me that it's a contract that's fair to the operators and to the men. It's too bad we didn't have it two months ago."

Defendants' Exhibit 1

[Copy]

CMA1 : mve
OCTOBER 21, 1946.

MR. JOHN L. LEWIS,
President, United Mine Workers of America,
United Mine Workers Building, Washington 5, D. C.

DEAR MR. LEWIS: Secretary Krug has requested that I write to you with respect to the position of the Coal Mines Administration on two of the matters which were discussed with you at your meeting with him Saturday, October 19; namely, the pro rata retroactive vacation pay and measurement of tonnage to which 5¢ per ton for the Welfare and Retirement Fund is being applied.

Although we believe that the position heretofore taken by this Administration with respect to the application of the pro rata vacation clause represented a reasonable and proper interpretation of the May 29, 1946, Agreement, it has been concluded that, cases having proceeded

to the arbitrator in the Illinois District in accordance with the grievance procedure provided for in the District Agreement, the arbitrator's decision is final and binding upon the parties to the contract in accordance with its terms. Accordingly, I am advising the Illinois coal operators forthwith to comply with, and abide by, such decision.

Inasmuch as cases which might arise in other districts would involve only interpretation of the same clauses as those involved in the Illinois District cases and would present identical issues, I am accepting the Illinois decisions as controlling precedents and issuing the necessary order to the operators of mines in Government possession in all districts to comply with the interpretation found by the arbitrator in the Illinois cases.

With respect to the weights to be used in determining payment of the 5¢ per ton required by Section 4 (a) of the Agreement, I wish to inform you that the position of this Administration is that which has been consistently taken during the negotiation of the contract and since its execution; namely, the 5¢ is payable with respect to salable or usable coal produced and is not payable with respect to impurities or foreign substances which may be mined along with the coal but which are eliminated by cleaning or other processing before sale. The Administrator's Order CMAN-8 clearly requires weights to be determined "at the mines". It is, therefore, not intended to permit any loss to the fund which occurs through shrinkage of salable coal between the tipple and distant railroad scales, theft, or other loss of salable or usable coal which are not reflected in railroad weights. Operators who are not reporting and paying in accordance with this interpretation will be required to do so when any deviations are brought to our attention. This Administration is not willing, however, to accept tipple weights or other mine weights which admittedly include varying, and at times substantial, percentages of impurities and foreign substances which are removed from the coal before it is considered salable. Cleanings, dust, and other coal products which result from processing the run of mine coal and which are sold as coal should also be treated as coal produced for the purposes of the 5¢ per ton payments.

Although the underlying contract structure consisting of the district agreements provides machinery for the disposition of any disputes arising under the contract, and this machinery is believed available for disposition of any differences over the meaning of the provisions of the Welfare and Retirement Fund clauses in view of the fact that the differences between the Coal Mines Administration and the United Mine Workers are in general common to all mines in Government possession and control, this Administration is agreeable to the appointment of a mutually satisfactory umpire—preferably an outstanding jurist—to whom this dispute may be submitted for a determination to be applicable to all mines subject to the Agreement.

It is regretted that the final position of this Administration in these matters, particularly that dealing with the decisions of the arbitrator in Illinois, was delayed through circumstances beyond the control of either party pending the meeting between you and the Secretary, which was finally held on Saturday.

The Coal Mines Administration wishes emphatically to reaffirm its position that at no time has it been in intentional violation of the

Agreement of May 29, 1946, and that its interpretations of the Agreement have always been discussed with your representatives before being promulgated, and when promulgated over the objection of your representatives were only intended to serve as controlling guides to the operators—the grievance procedure for the settlement of disputes under the contract at all times having been open to the mine workers when they disagreed with the position taken by this Administration.

Very truly yours,

N. H. COLLISSON,
Captain, USNR,
Coal Mines Administrator.

Enclosure 2

Defendants' Exhibit 2

[Copy]

UNITED STATES DEPARTMENT OF THE INTERIOR,
COAL MINES ADMINISTRATION,
Washington 25, D. C., June 27, 1946.

Mr. JACK G. DAY,
Vice Chairman, National Wage Stabilization Board,
Washington, D. C.

MY DEAR MR. DAY: In accordance with the telephone conversation on June 27 between you and Mr. Messitte, there is submitted herewith for your information, a copy of a Memorandum of Agreement, dated and executed June 27, 1946, between the Coal Mines Administrator and the President of the United Mine Workers of America.

Inasmuch as the agreement does not modify terms and conditions set forth in the Krug-Lewis Agreement of May 29, 1946, no formal clearance would appear to be necessary.

Sincerely yours,

/s/ B. MORELL,
Admiral (CEC) U. S. N.,
Coal Mines Administrator.

Enclosure.

Defendants' Exhibit 3

[Copy]

JULY 1, 1946.

Mr. WILLARD WIRTZ,
Chairman, Wage Stabilization Board.

DEAR MR. WIRTZ: I enclose herewith copy of memorandum of Agreement between the Coal Mines Administrator and the United Mine Workers of America providing for an interim operating program to cover the collection and custodianship, pending appointment of trustees, of the monies to be paid in accordance with the provisions of Section 4 (a) of the Agreement between the Coal Mines Administrator and the United Mine Workers of America, dated 29 May 1946.

This is not considered a change in the Agreement requiring any action by your Board and is forwarded to you for your information and files.

/s/ W. RANDALL COMPTON,
General Counsel.

Enclosure.

Defendants' Exhibit 4

[Copy]

NATIONAL WAGE STABILIZATION BOARD,
Department of Labor Building,
Washington 25, D. C., July 3, 1946.

Admiral BEN MOREELL, USN,
Coal Mines Administrator,
United States Department of the Interior,
Washington 25, D. C.

DEAR ADMIRAL MOREELL: This will acknowledge in behalf of the National Wage Stabilization Board receipt of your letter of June 27, 1946, addressed to Mr. Jack G. Day, and a similar letter from Mr. W. Randall Compton, addressed to Mr. Willard Wirtz, under date of July 1, 1946, with regard to the Memorandum of Agreement, dated and executed June 27, 1946, between the Coal Mines Administrator and the President of the United Mine Workers of America.

It is the understanding of the Board that this Agreement is simply an arrangement for the receipt and safekeeping of the moneys to be paid in accordance with the provisions of Section 4 (a) ("A Welfare and Retirement Fund") of the Krug-Lewis Agreement of May 29, 1946, and that it does not contemplate any disbursement of such moneys prior to the appointment of the trustees.

Sincerely yours,

/s/ PHILLIPS L. GARMAN,
Vice Chairman.

Defendants' Exhibit 5

[Copy]

OCTOBER 22, 1946.

Honorable WILLARD WIRTZ,
Chairman, National Wage Stabilization Board,
Washington 25, D. C.

MY DEAR MR. WIRTZ: By your Board's order of May 31, 1946, certain changes in terms and conditions of employment in certain bituminous coal mines were ordered, including the provisions for vacation payments contained in the Krug-Lewis Agreement of May 29, 1946. In approving the paragraph of Section 7 of the Agreement dealing with pro rata vacation payments, your Board provided that any interpretative rules governing the making of pro rata payments should be submitted to your Board for such further consideration and action as may be appropriate under Section 5 of the War Labor Disputes Act.

Under date of June 7th, this Administration submitted to your Board a proposed interpretation limiting the pro rata application of vacation pay to a full calendar month, or months, and included persons who were discharged for cause.

Under date of June 12th, the then Vice Chairman of your Board requested certain additional information before passing upon the proposed interpretation. In reply to this letter, this Administration advised Mr. Day, among other things, that under the proposed

interpretation the pro rata payments would not apply to an employee who was not on the pay roll of a mine at the time of Government possession under the authority of Executive Order 9728.

Under date of June 20th, you advised me that your Board voted, industry dissenting, that no further action was required with respect to the interpretation of pro rated vacation payments under Section 5 of the War Labor Disputes Act. Subsequently, this Administration issued its Interpretative Bulletin No. 5, in which it took the position that the Krug-Lewis Agreement applied, by its terms, to the period of Government possession and does not, except where specifically so provided, change or modify the obligations of an employer to an employee which were completed and fully accrued prior to the date of Government possession, and that its provisions regarding pro rata vacation payments have no application to persons who were not on the pay roll during the period of Government possession and operation. The United Mine Workers' representatives protested this interpretation of the contract on the ground that it does not reflect the clear meaning of the contract provision.

Under this interpretative bulletin, coal-mining companies whose mines are in the possession and control of the Government have refused to pay pro rata vacation payments to employees who left the employ of the company prior to Government possession.

As a result, certain mine workers brought up cases for adjudication under the grievance procedure provided for in district agreements and other agreements which were carried forward and preserved by Section 1 of the Krug-Lewis Agreement and constitute part of the contractual relationship between the Coal Mines Administrator and the United Mine Workers.

Several of these cases have now proceeded through the final step of arbitration under the Illinois District Agreement and the arbitrator has ruled that Interpretative Bulletin No. 5 does not carry out the provisions of the Krug-Lewis Agreement and has allowed a pro rata vacation payment to miners whose employment was terminated some months prior to the period of Government possession and operation and who did not return to the employ of the same company during Government operation.

The Coal Mines Administrator feels that he is bound by decisions arrived at in accordance with the grievance procedure contained in the underlying contract structure revived and carried forward by the Krug-Lewis Agreement and that, in the case of the arbitrator's decisions referred to above, such decisions are final and conclusive under the contract.

This matter is being called to your Board's attention because of the correspondence referred to above and the provision contained in your Board's order of May 31st, also referred to above.

Will you kindly advise me at once of any position which your Board feels it should take in the premises?

Very truly yours,

N. H. COLLISSON,
Captain, U. S. N. R.,
Coal Mines Administrator.

cc: Area Officer-in-Charge.

Defendants' Exhibit 6

[Copy]

OCTOBER 30, 1946.

Captain N. H. COLLISSON, *U. S. N. R.*,
Coal Mines Administrator,
Department of the Interior,
Washington 25, D. C.

DEAR CAPTAIN COLLISSON: This will acknowledge receipt of your communication of October 22 concerning your intention to revise interpretation of rules governing pro-rata vacation payments as referred to in the Board's Order dated May 31 ordering certain changes in wages and terms and conditions in bituminous coal mines provided in the Krug-Lewis Agreement of May 29.

On October 30, 1946, the Board voted, industry dissenting, to inform you that no further action is required with regard to this matter under Section 5 of the War Labor Disputes Act.

Very truly yours,

W. WILLARD WIRTZ,
Chairman.

PLGARMAN: 1d.

Defendants' Exhibit 7

UNITED MINE WORKERS OF AMERICA

JOHN L. LEWIS, President. Telephone: MEtropolitan 0530

United Mine Workers' Building, Washington 5, D. C.

NOVEMBER 15, 1946.

Honorable J. A. KRUG,
Secretary of the Interior, Washington 25, D. C.

DEAR MR. SECRETARY: Your communication of November 14, 1946, has been received and carefully considered. The United Mine Workers of America now make reply.

On September 23, 1946, while in informal and private conference with you, we asked that the Coal Mines Administrator voluntarily modify and adjust the miners' working hours. Your attention was again (as it had theretofore been) directed to the brutal 54-hour underground schedule of the men laboring in the bowels of the earth. This was prior to the United Mine Workers' National Convention and prior to the recent national election. Since that date until receipt of your ukase of yesterday, you have remained silent and have deigned no reply to the 400,000 men who now serve the Government of the United States in the bituminous coal mines.

The Mine Workers on October 21, 1946, exercising their contractual right, gave the requisite 10-day notice and respectfully requested a conference with you on November 1. You, while touring the West

contemptuously replied that you would be in Tule Lake, California, and might find time to discuss the matter at that time and place, if the miners would journey westward to meet you there. Changing your mind, you finally designated your representatives to attend the conference, while you continued your tour until after Tuesday, November 5. You finally appeared on Monday, November 11. Since that date, you have graciously given of your time, in full and private conference, to the extent of three hours and fifty-eight minutes.

You were aware by the formal notice of October 21 of the operation of the ten-, fifteen-, and five-day provisions of the contract. On yesterday, November 14, twenty-five days after formal notice, you made your proposal.

Your statements to the contrary notwithstanding, the Mine Workers constantly from November 1 to and including November 11 made concrete proposals to you on the matters set out in the notice of October 21. You, cavalierly, now propose a 60-day freeze of the existing conditions on terms which you have first negotiated with the operators, who are strangers to the Krug-Lewis Agreement. You arbitrarily assert the right to designate that 60-day period to begin on November 16 and prescribe the method of conducting a conference between the Mine Workers and Operators during that period. You, likewise, assert that the Krug-Lewis Agreement can be "modified by mutual consent." Then, Sir, where do you find the legal or moral right to deny to the Mine Workers their plain contractual right to reopen the contract, as we respectfully requested on October 21?

Your proposal for this Operator-Miners' conference to supersede the conference now in existence since November 1 is sheer folly, an empty platitude, well known to you so to be. On September 13, under the auspices of Admiral Moreell in joint conference with us, the operators in writing revealed their divided household and, as epitomized by former Senator Burke, hautily, arbitrarily, and with blunt malice rejected the fundamental issues as presented to them by Admiral Moreell. You now, at the last hour, of the last day, yield to the blandishments and soothing siren voice of the operators and seek to place the United Mine Workers of America and its members between Scylla and Charybdis. This course we refuse to follow.

The Government of the United States seized the mines and entered into a contract. The Mine Workers do not propose to deal with parties who have no status under that contract. We do not propose to be driven like dumb beasts to the slaughter of slow strangulation envisioned by your proposal and the Operators' well known and long used tactics of evasion and delay. We call upon you to honor your contract.

This, therefore, Mr. Secretary, constitutes our reply in the negative to your proposal.

Yours truly,

NEGOTIATING COMMITTEE, UNITED MINE WORKERS OF AMERICA,
By JOHN L. LEWIS, *President*.

In the District Court of the United States for the District of Columbia

UNITED STATES OF AMERICA,
District of Columbia, ss:

I, Charles E. Stewart, Clerk of the District Court of the United States for the District of Columbia, hereby certify the foregoing pages numbered 1–[illegible], both inclusive, to be a true and correct transcript of the record according to designations of record by counsel filed and made a part of this transcript, and pursuant to Rule 75 (g) of the Federal Rules of Civil Procedure of the District Court of the United States, in action entitled *United States of America*, Plaintiff, v. *United Mine Workers of America*, an unincorporated association, and *John L. Lewis*, individually and as President of the United Mine Workers of America, an unincorporated association, Defendants, Civil Action No. 37764, as the same remains upon the file and of record in said Court.

In testimony whereof, I hereunto subscribe my name and affix the seal of said Court at the City of Washington in said District this — day of December 1946.

CHARLES E. STEWART,
Clerk.

_____,
Deputy Clerk.

In the District Court of the United States for the District of Columbia

Civil Action No. 37764

UNITED STATES OF AMERICA, PLAINTIFF

v.

UNITED MINE WORKERS OF AMERICA, AN UNINCORPORATED ASSOCIATION, AND JOHN L. LEWIS, INDIVIDUALLY AND AS PRESIDENT OF THE UNITED MINE WORKERS OF AMERICA, DEFENDANTS

Notice of appeal

Notice is hereby given this 5th day of December, 1946, that United Mine Workers of America, an unincorporated association, and John L. Lewis, individually and as President of the United Mine Workers of America, hereby appeal to the United States Court of Appeals for the District of Columbia from the Judgments of this Court entered on the 4th day of December, 1946, in favor of Plaintiff, United States of America, and against said United Mine Workers of America and said John L. Lewis, individually, adjudging the said United Mine Workers of America and John L. Lewis, individually, guilty of civil contempt.

Welly K. Hopkins,
WELLY K. HOPKINS,
Edmund Burke,
EDMUND BURKE,
T. C. Townsend,
T. C. TOWNSEND,
Harrison Combs,
HARRISON COMBS,

Counsel for United Mine Workers of America, John L. Lewis individually, John L. Lewis, President, United Mine Workers of America.

Of Counsel:
Joseph A. Padway,
JOSEPH A. PADWAY,
Henry Kaiser,
HENRY KAISER,
James A. Glenn,
JAMES A. GLENN.

Filed December 5, 1946, Charles E. Stewart, Clerk.

In the District Court of the United States for the District of Columbia

Civil Action No. 37764

UNITED STATES OF AMERICA, PLAINTIFF

v.

UNITED MINE WORKERS OF AMERICA, AN UNINCORPORATED ASSOCIATION, AND JOHN L. LEWIS, INDIVIDUALLY AND AS PRESIDENT OF THE UNITED MINE WORKERS OF AMERICA, DEFENDANTS

Notice of appeal

Notice is hereby given this 5th day of December, 1946, that United Mine Workers of America, an unincorporated association, and John L. Lewis, individually and as President of the United Mine Workers of America, hereby appeal to the United States Court of Appeals for the District of Columbia from the Judgments of this Court entered on the 4th day of December, 1946, against said United Mine Workers of America and said John L. Lewis, individually, adjudging the said United Mine Workers of America and John L. Lewis, individually, guilty of criminal contempt and imposing a fine of $3,500,000 on the United Mine Workers of America and $10,000 on John L. Lewis, individually.

Welly K. Hopkins,
WELLY K. HOPKINS,
Edmund Burke,
EDMUND BURKE,
T. C. Townsend,
T. C. TOWNSEND,
Harrison Combs,
HARRISON COMBS,

Counsel for United Mine Workers of America, John L. Lewis, individually, John L. Lewis, President, United Mine Workers of America.

Of Counsel:
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Henry Kaiser,
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James A. Glenn,
JAMES A. GLENN.

Filed December 5, 1946, Charles E. Stewart, Clerk.

U. S. GOVERNMENT PRINTING OFFICE: 1948

In the United States Court of Appeals, District of Columbia

UNITED STATES OF AMERICA,
District of Columbia, ss:

I, JOSEPH W. STEWART, Clerk of the United States Court of Appeals, District of Columbia, hereby certify the foregoing pages numbered 1-497, both inclusive, to be a true and correct transcript of the record in the appeal entitled *United Mine Workers of America*, an unincorporated association, and *John L. Lewis*, individually and as President of the United Mine Workers of America, an unincorporated association, Appellants, v. *United States of America*, Appellee, as the same remains upon the file and of record in said Court.

IN TESTIMONY WHEREOF, I hereunto subscribe my name and affix the seal of said Court at the City of Washington in said District this day of December 1946.

JOSEPH W. STEWART,
Clerk.

Deputy Clerk.